IT CORPORATION

339560

RESPONSIVE TO THE NEEDS OF ENVIRONMENTAL MANAGEMENT

REPORT

PHASE I SITE ASSESSMENT AND WASTE CHARACTERIZATION
SURFACE WASTE CLEANUP
DUANE MARINE SALVAGE CORPORATION SITE
PERTH AMBOY, NEW JERSEY

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PREPARED FOR

SITE GENERATOR COMMITTEE

May 24, 1985

Project No. 850022

IT CORPORATION
PITTSBURGH, PENNSYLVANIA
CARTERET, NEW JERSEY

TABLE OF CONTENTS

LIST OF TABLES

LIST OF FIGURES

1.0 INTRODUCTION AND SUMMARY

Under contract to the Site Generator Committee (Committee), IT Corporation (IT) has completed the Phase I Site Assessment and Waste Characterization for the surface waste cleanup of the Duane Marine Salvage Corporation (Duane Marine) site in Perth Amboy, New Jersey. This work was conducted in accordance with the "revised draft detailed work plan" prepared by IT, which set forth the schedule, scope of activities, and the procedures to be employed in the cleanup, in response to Section 29 of the Administrative Order issued by Mr. Christopher J. Daggett, Regional Administrator, U.S. Environmental Protection Agency (EPA), Region II, dated December 4, 1984. The numbers and types of waste containers present at the site have been inventoried and representative samples of these materials have been analyzed. These data have been used to develop estimates of the quantities of various waste materials to be removed from the site in the Phase II site mitigation.

1.1 BACKGROUND

The Duane Marine site occupies approximately two acres along Arthur Kill in Perth Amboy, New Jersey (Figure 1). Site operations primarily focused on marine salvage, but also included the receipt and handling of industrial wastes from local industries. The site was abandoned in 1980 after a major fire, and various waste materials remain at the site.

In response to the EPA order, a contractor to the Committee performed an immediate removal action in December 1984 to secure the site. This work mitigated the imminent hazards associated with the on-site material. IT was then retained to develop a work plan for characterizing and removing the surface waste at the Duane Marine site.

The defined objective of the surface cleanup is to remove drummed wastes, empty drums, materials stored in tanks, and visibly contaminated soil from the site and dispose of these materials in accordance with applicable federal and state hazardous waste regulations. The plan does not include removal of empty tanks and miscellaneous debris from the site, nor does it include restoring the site to a condition suitable for sale or reuse.

The work plan specifies activities to occur in two phases:

- Phase I - Site Assessment and Waste Characterization
- Phase II - Site Mitigation.

Phasing of the overall work effort was determined to be necessary because of the limited available quantity and characteristic data for wastes stored at the Duane Marine site. IT was subsequently retained by the Committee to conduct the Phase I work.

1.2 PHASE I OBJECTIVE

The Phase I effort was designed to quantify and characterize the waste at the site and assemble sufficient information to solicit bids for the Phase II site mitigation. The work plan was based on using approved methods for sampling and analysis of materials and providing appropriate quality control and data management. The efforts evaluated by IT were successful in satisfying this objective.

Respectfully submitted,

Leo M. Brausch
Manager, Project Development

LMB:rsg

Project No. 850022
May 24, 1985

2.0 FIELD SAMPLING

The field sampling program was designed to accomplish the following:

- Yield representative samples of wastes present at the site
- Develop a detailed inventory of the quantities of waste materials
- Provide a practical, cost-effective, and safe means for withdrawing appropriate samples
- Minimize the handling of waste containers during sampling.

The Phase I effort involved the inventory and quantification of site wastes and sampling and analysis of accessible drums and waste-containing vessels. In this context, accessible drums were defined as those that could be sampled without the need for moving other containers and without the need for piercing the drum. All site activities were conducted in strict compliance with the worker health and safety program given in the work plan.

2.1 SITE ENTRY

Upon entrance to the site for initiation of sampling, several safety monitoring procedures were used to assess site conditions. Instruments necessary to carry out these procedures included a portable organic vapor analyzer (OVA) for monitoring volatile organic compounds (VOCs); an oxygen meter and explosimeter for use in confined spaces; air sampling pumps with colorimetric indicator tubes for certain acutely toxic gases (e.g., hydrogen cyanide, hydrogen sulfide); and a radiation meter for a gamma radiation scan of the site. Sampling of the site atmosphere throughout site operations was performed to provide the data to assure that site activities were not causing an unnecessary or unacceptable risk to the site workers or the general public.

2.2 DRUM SAMPLING

The sampling of accessible drums was conducted by a work crew consisting of field technicians under the direction of a sampling foreman. The work crew first inspected each drum to be sampled, paying particular attention to any labeling or placarding information and the presence of waste material on the

outside of the material and/or the surrounding ground surface. Waste inventory forms were completed and a corresponding code number was painted on the container using fluorescent paint. Table 1 provides an inventory of all waste samples collected. In the Phase I work, 133 drums at the Duane Marine site were sampled. In addition to these drums, IT identified and sampled plastic carboys located in Site Area A and formed composite samples to represent collections of five-gallons pails in Area A (Figure 1).

After the preliminary assessment, access to the drum for sampling was established. At the Duane Marine site, about 60 percent of the sampled drums were already open or breached so that the sample could be collected by simply reaching into the drum. Most of the drums in Area C of the site (Table 1; Figure 1) were in this condition. For those drums that were sealed and intact, the preferred method of gaining access for sampling was by opening the vent and/or fill ports with a nonsparking bung wrench or removing the top closure band. Most of the sampled drums in Area B of the site (Table 1; Figure 1) were found to be intact.

Sufficient sample volumes were taken from each drum for the laboratory characterization and possible subsequent analyses. Liquids were sampled with disposable thieving rods that were not reused. Samples were examined through the rod for immiscible phases or other visual heterogeneities. Solids and sludges were withdrawn using small hand shovels or trowels. These samplers were decontaminated after each use. When the waste consisted of distinct separable layers, the solid and liquid phases were sampled individually. Observable characteristics of the waste were noted at this time, including a qualitative assessment of the viscosity of fluid contained in the drum.

2.3 BULK LIQUID AND SLUDGE SAMPLING

Tanker trucks and fixed tanks located at the Duane Marine site were found to consist of the following (Table 1):

- Six tank trailers (one of which was empty), with capacities in the range of 5,000 to 7,000 gallons
- Thirteen small tanks (three of which were empty), with capacities in the range of 250 to 1,000 gallons

- Five medium-sized vats or tanks with capacities in the range of 5,000 to 10,000 gallons
- One large (250,000 gallon) storage tank
- Three underground fuel tanks, size unknown (assumed to be 2,500 gallons each).

Access to these tanks for sampling was typically gained by removing hatch covers with hand- or air-powered wrenches.

For the tank trailers and small- to medium-size tanks, liquid samples were withdrawn using thieving rods. Sampling of the large (250,000 gallon) storage tank was conducted by first sounding to determine the depth of material contained in this vessel and then using a bailer and core-type sampler to withdraw liquid and sludge materials, respectively. Access to the tank was gained from the top hatches. The three underground fuel tanks were accessed by removing surface hatches. The depth of liquid in each tank was measured and sampled with a bailer.

2.4 BULK SOLID SAMPLING

Eight bulk solid containers (roll-offs) were identified at the Duane Marine site as follows (Table 1):

- Two 5-cubic-yard hoppers
- Four 20-cubic-yard roll-offs
- Two 30-cubic-yard roll-offs.

These containers were filled with solid waste, sludge, and various other debris. Rainwater was found atop these wastes in several locations. Underlying solid and sludge samples were collected using clean hand trowels or shovels.

2.5 CONTAMINATED SOIL SAMPLING

Two principal areas showed visual evidence of soil contamination as follows (Table 1; Figure 1):

- Within the concrete dike area surrounding the 250,000-gallon storage tank
- Around piles of burnt, unstacked drums in Site Area C.

Visibly contaminated soil in these areas were sampled in place using clean shovels. These holes were advanced until soil staining was no longer evident. Materials from each area were then composited to form samples for analysis. Several small areas of soil contamination associated with individual spilled drums were also noted and sampled in the same manner as that used for open, unspilled drums.

2.6 WASTE INVENTORY

As part of the Phase I program, IT inventoried the waste materials present at the site. Nonempty and empty drums were counted and capacities and quantities of materials in larger containers were measured. Volumes of visually contaminated soil were estimated. After the inventory and sampling were completed, IT affixed valve/hatch seals where possible.

3.0 LABORATORY TESTING

Samples and accompanying documentation were returned to the IT analytical laboratory at Murrysville, Pennsylvania where the required testing of materials was performed. Analyses conformed to quality assurance/quality control and chain-of-custody procedures given in the work plan. The following paragraphs describe the protocol employed in the preparation and analysis of the samples.

3.1 INSPECTION AND SCREENING

Much of the initial characterization was performed in conjunction with the sampling procedure, and field reports were reviewed to determine the number of phases in the sample and other pertinent data. The analyst performed tests relative to color, texture, viscosity, and other physical characteristics. Multiphase samples were separated by decanting, centrifugation, or filtration as needed.

3.2 HAZARD CATEGORIZATION TESTING

After visual screening and necessary phase separations, individual waste samples were used for characterization testing to provide information regarding the nature of contaminants present, manifesting, and the requirements for additional testing. Figure 2 summarizes the general order of testing and the classification achieved by these tests. The characterization tests included the following:

- Water reactivity and solubility
- VOC screening
- Hexane solubility
- Bielstein's copper wire test for chlorine content (halogen screening)
- Open-flame ignitability screening
- pH
- Waste pH <3 test for nitric acid
- Spot Test for cyanide and sulfide

- Spot test for peroxide
- Spot test for organic oxidizer.

Table 2 provides the results of the hazard categorization testing.

3.3 PCB SCREENING

Polychlorinated biphenyl (PCB) screening was conducted on composite samples (Table 3) formed by mixing groups of like materials and preparing the composite sample using a shakeout procedure (EPA Method No. 8.84 or equivalent method). PCB levels were screened using a Florisil column cleanup procedure followed by analysis by gas chromatography and electron capture detection. Results of PCB screening are given in Table 3; these results and the hazardous categorization data for each sample were reviewed, and each waste sample was then classified as shown in Table 4.

3.4 FLASH POINT TESTING

Samples exhibiting a positive indication of open-flame ignitability and/or appreciable volatile organic levels (greater than 1.5 parts per million) were subjected to flash point testing. Closed-cup flash points were determined using a Pensky-Martens analyzer in accordance with the American Society for Testing and Materials (ASTM) Method D 93. Results of this testing are given in Table 5.

3.5 DETAILED WASTE ANALYSIS

Compatible waste materials, as determined by the characterization testing and PCB screening (Table 4), were then composited further and subjected to certain detailed analyses. These tests were designed to identify key contaminants in the wastes and facilitate manifesting.

3.4.1 EP Toxic Extraction Procedure

Five composite samples of soils and solid inorganic waste were submitted for extraction procedure (EP) leachate testing (40 Code of Federal Regulations [CFR] 261). Heavy metals in the generated leachates were analyzed as follows:

- Arsenic - EPA Method No. 8.51
- Barium - EPA Method No. 8.52
- Cadmium - EPA Method No. 8.53

- Chromium - EPA Method No. 8.54
- Lead - EPA Method No. 8.56
- Mercury - EPA Method No. 8.57
- Selenium - EPA Method No. 8.59
- Silver - EPA Method No. 8.60.

Results of this testing are given in Table 6.

3.5.2 Volatile Organics

VOCs in two composite organic waste samples were analyzed using a purge and trap technique (EPA Method No. 8.83). Following purging, compounds are desorbed and injected directly into the gas chromatograph (GC) for identification and quantification by EPA Method No. 602 using flame ionization detection. Testing results are given in Table 7.

3.5.3 Base-Neutral and Acid Extractable Priority Pollutants

Composite samples of nonvolatile organic materials were analyzed for base-neutral and acid extractable organic priority pollutants. This testing followed EPA Method No. 625 using gas chromatography/mass spectrometry. Results are given in Tables 8 and 9.

3.6 TREATABILITY TESTING

Treatability testing necessary to identify proper means associated with the disposition of liquid and sludge materials was performed on composite samples. For ignitable organic materials, a suite of incineration tests was performed; inorganic (aqueous based) liquids were analyzed to determine the proper (water) treatment processes.

3.6.1 Incineration

The protocol for these analyses follows:

- Heat Content - ASTM Method D 2015
- Sulfur Content - Leko sulfur calorimeter
- Chlorine Content - EPA Method 325.1
- Ash Content - Residual at 1,000 degrees Celsius.

Testing results are given in Table 10.

3.6.2 Treatment

Liquid waste treatment analyses were conducted on composite samples as follows:

- pH (Electrometric) - EPA Method 150.1
- Total Dissolved Solids - EPA Method 160.1
- Total Suspended Solids - EPA Method 160.2
- Heavy Metals - EPA methods (Section 3.4.1).

Organ

Results are given in Table 11.

4.0 SUMMARY WASTE INVENTORIES

The results of the physical waste inventories and laboratory analyses were used in combination to develop estimates of total quantities and types of wastes present at the Duane Marine site. These estimates are summarized in Tables 12, 13, and 14 for drummed, vessel, and other wastes, respectively.

4.1 DRUMMED WASTES

IT estimates a total of 2,260 drums at the Duane Marine site, of which 1,250 (55 percent) are empty. The 1,010 nonempty drums are estimated to be relatively evenly distributed between open/breached containers (60 percent) and intact/sealed drums (40 percent) and are estimated to be, on the average, 75 to 80 percent full. The designation of "intact" does not relate to the container's suitability or compliance with U.S. Department of Transportation (DOT) shipping regulations.

Approximately 320 drums are estimated to contain liquids, most of which are inorganic/aqueous based. Most of the inorganic liquid wastes are classified as caustic (pH less than or greater than 10); analysis of composite samples of drummed aqueous wastes showed elevated barium, chromium, and lead levels. Nonhalogenated organics (possibly solvents) and a small number of inorganic liquids showing positive on the spot checks for cyanides comprise the remaining drummed liquid waste. PCBs were not found in the screening of the drummed organic liquids in concentrations that would represent a level in excess of 50 parts per million for any individual container.

The majority of the nonempty drums (68 percent) are estimated to contain sludges and solids. Sludge materials are most commonly nonhalogenated, ignitable organics (possibly consisting of solvent recovery residues, solvent-based paint sludge, and oil sludges) and inorganic neutral-pH materials. Solid wastes are most commonly inorganic neutral-pH and inorganic caustic (pH greater than 10) materials. Screening of drummed organic sludges and solids indicates that PCBs may be present in concentrations at or above 50 parts per million in approximately 35 to 40 percent of these wastes.

4.2 VESSEL WASTES

IT inventoried 32 waste-containing vessels at the Duane Marine site. These vessels consisted of 24 tank trailers and tanks and 8 roll-off containers and dumpsters. Based on field measurements of capacities and quantities, IT estimates a total of 32,400 gallons of liquid contained in on-site tanks. An additional estimated 3,700 gallons of rainwater is associated with other vessels at the site. Tank liquids are primarily nonhalogenated (10,250 gallons) and halogenated (18,550 gallons) organics. Composite sample analysis of these materials showed high concentrations of aromatic compounds (i.e., benzene, toluene, xylene), acetone, and chlorinated solvents (e.g., methylene chloride). Small percentages of these organic liquids tested as positive for cyanide and oxidizers in the hazard categorization testing. High PCB concentrations (greater than 50 parts per million) were found in four tanks/tankers, representing approximately 14,200 gallons of liquids. Of this total, 13,300 gallons of tank liquids exhibited PCB concentrations in excess of 500 parts per million. Aqueous liquids include approximately 2,500 gallons of an oil/water mixture, 1,000 gallons of pH 11 liquid (positive for cyanide and oxidizers), and rainwaters.

Sludges were the primary waste form in three of the tanks near the Washington Street entrance (including the 250,000-gallon tank) and in three of the roll-off containers. The vessel sludges are predominantly halogenated organic materials. Solids were the primary waste form in four of the smaller tanks at the site and in three of the roll-offs. Vessel solids were primarily nonhalogenated organic solids. Screening of the tank/roll-off solid materials indicates that as much as 32 cubic yards of this material may be contaminated with PCBs in excess of 50 parts per million.

4.3 OTHER WASTES

In addition to the drummed and vessel materials, other containerized wastes and visually contaminated soils were identified at the Duane Marine site. Other containerized materials include an estimated 40 five-gallon pails of halogenated organic sludge, 50 carboys (30 gallons) of inorganic acids, one pressurized gas cylinder, and 30 drums filled with paint cans.

Visually contaminated soil was identified in the area inside the concrete dike surrounding the 250,000-gallon storage tank; the stained area occupied approximately 1,000 square feet in plan and was evident to a depth of about one foot. Screening of the soil samples in this area indicates an average PCB concentration in these soils of less than 50 parts per million. Visual soil contamination was also found under and around the pile of drums in Area C of the site (Figure 1). In this area, IT estimated the staining to occupy an area of approximately 1,500 square feet, one foot in depth. Testing of soil samples from this area indicates most of the soil shows low (less than 10 parts per million) PCB levels; one composite of four soil samples indicated a PCB concentration of 68 parts per million. Composite sample analysis also showed soils in this area to be EP toxic for lead. Additional small areas of surficial soil staining were associated with spilled drums.

TABLES

TABLE 1
WASTE SAMPLE INVENTORY
DUANE MARINE SALVAGE CORPORATION SITE
PERTH AMBOY, NEW JERSEY

WASTE INVENTORY NUMBER	SITE AREA	CONTAINER DESCRIPTION	DRUM CONDITION	QUANTITY IN WASTE CONTAINER		PCB ppm	OBSERVED CONTENTS	NOTES
1	A	5-GALLON PAIL(S)		100	G		BLUE RUBBERY SLUDGE/SOLID	COMP: 24 PAILS
2A	A	55-GAL DRUM	OPEN	27	G		BROWN WATERY SLUDGE/SOLID	D-1
2B	A	55-GAL DRUM	OPEN	27	G		CLEAR LIQUID	D-1
3A	A	55-GAL DRUM	OPEN	5	G		OILY LIQUID	
3B	A	55-GAL DRUM	OPEN	50	G		RESINOUS/VISCOUS SLUDGE	
4	A	55-GAL DRUM	INTACT	41	G		VISCOUS YELLOW LIQUID	
5	A	1000-GALLON TANK		1000	G		YELLOW LIQUID	COMPOSITE
6	A	55-GAL DRUM	INTACT	55	G		CLEAR LIQUID	
7	A	30-GAL CARBOY		15	G		GREENISH/YELLOW LIQUID	POLY CARBOY
8	A	55-GAL DRUM	INTACT	15	G		OIL/WATER MIXTURE	"SPILL PAN DRIPPING"
9	A	250-GALLON TANK		250	G		BLACK GRANULAR SOLID	V-5
10	A	700-GALLON TANK		700	G		BROWN SANDY SOLID	
11A	A	5000-GALLON TANK		1800	G		BLACK VISCOUS LIQUID	V-12
11B	A	5000-GALLON TANK		2700	G		BLACK VISCOUS SLUDGE	V-12
12	A	5000-GALLON TANK		1000	G		VISCOUS AMBER LIQUID	V-13
13	A	5000-GALLON TANK		1400	G	13400	VISCOUS AMBER LIQUID	V-14
14	A	5-CY ROLLOFF		1	CY		LIQUID OVER DEBRIS	R-1
15	A	5-CY ROLLOFF		1	CY		BROWN LIQUID	R-2; 40 GAL WATER
16	A	55-GAL DRUM	INTACT	27	G		YELLOW SOLID & DEBRIS	
17	A	5000-GALLON TANK		2500	G		OIL/WATER MIXTURE	1 INCH FLOATING OIL
18A	A	6500-GALLON TANK		250	G		OILY LIQUID	T-1
18B	A	6500-GALLON TANK		6250	G		OIL/WATER MIXTURE	T-1
19	A	55-GAL DRUM	INTACT	55	G		BROWN GRANULAR SOLID	
20	A	55-GAL DRUM	INTACT	55	G		BROWN GRANULAR SOLID	
21	A	55-GAL DRUM	OPEN	41	G	71	OIL/PAINT STAINED SOIL	SPILLED DRUM
22	A	SOIL					OIL STAINED SOIL	SPILLED DRUM
23	A	5000-GALLON TANK		1800	G		BROWN VISCOUS LIQUID	
24	A	5000-GALLON TANK		900	G	68	OIL OVER SAND	
25	A	7000-GALLON TANK	PCB	3000	G	670	VISCOUS BLACK OILY LIQUID	
26	A	55-GAL DRUM	OPEN	33	G		BLACK GRANULAR SOLID	SOME RAINWATER
27	A	55-GAL DRUM	OPEN	12	G		BLACK SLUDGE	SOME RAINWATER
28	A	55-GAL DRUM	INTACT	55	G		GREEN LIQUID/SLUDGE	
29	A	55-GAL DRUM	OPEN	55	G		BLACK CHUNKY SOLID	SOME RAINWATER
30	A	55-GAL DRUM	INTACT	55	G		WHITE GRANULAR SOLID	SOME RAINWATER
31	A	55-GAL DRUM	OPEN	12	G		BLACK GRANULAR SOLID	SOME RAINWATER
32	A	55-GAL DRUM	OPEN	55	G		BLACK GRANULAR SOLID	SOME RAINWATER
33	A	55-GAL DRUM	OPEN	55	G		CLEAR LIQUID	HARD SOLID BELOW
34	A	55-GAL DRUM	OPEN	55	G		CLEAR LIQUID	
35	A	55-GAL DRUM	OPEN	12	G		BLACK/GREEN RESIN/LIQUID	
36	A	55-GAL DRUM	OPEN	41	G		BLACK/YELLOW SLUDGE	
37	A	55-GAL DRUM	OPEN	41	G		BROWN GRANULAR SOLID	
38	A	55-GAL DRUM	INTACT	41	G		GREEN/BROWN SOLID	
39	A	55-GAL DRUM	INTACT	55	G		CLEAR LIQUID	OVERPACK OF 30-GAL

TABLE 1
(CONTINUED)

WASTE INVENTORY NUMBER	SITE AREA	CONTAINER DESCRIPTION	DRUM CONDITION	QUANTITY IN WASTE CONTAINER		PCB conc ppm	OBSERVED CONTENTS	NOTES
40	A	55-GAL DRUM	OPEN	55	G		YELLOW GRANULAR SOLID	SOME RAINWATER
41A	A	55-GAL DRUM	INTACT	27	G		BLACK ASH/POWDER	
41B	A	55-GAL DRUM	INTACT	27	G		BLACK ASH/POWDER	
42A	A	55-GAL DRUM	OPEN	6	G		CLEAR LIQUID	
42B	A	55-GAL DRUM	OPEN	48	G		WHITE LIQUID WITH SOLIDS	
43	A	55-GAL DRUM	OPEN	55	G		WHITE CRYSTALLINE SOLID	
44	A	55-GAL DRUM	INTACT	55	G		WHITE CRYSTALLINE SOLID	
45	A	55-GAL DRUM	OPEN	55	G		BROWN VISCOUS SLUDGE	
46	A	55-GAL DRUM	OPEN	55	G		WHITE CRYSTALLINE SOLID	
47	A	55-GAL DRUM	INTACT	55	G		WHITE LIQUID WITH SOLIDS	
48	A	55-GAL DRUM	INTACT	55	G		WHITE CRYSTALLINE SOLID	
49	A	55-GAL DRUM	INTACT	41	G		BLACK/WHITE CRYSTAL SOLID	
50	A	55-GAL DRUM	INTACT	55	G		WHITE LIQUID WITH SOLIDS	
51	A	55-GAL DRUM	INTACT	55	G		WHITE LIQUID WITH SOLIDS	
52	A	55-GAL DRUM	INTACT	55	G		GREEN LIQUID WITH SOLIDS	
53	A	55-GAL DRUM	INTACT	41	G	71	BROWN GRANULAR SOLID	
54	A	55-GAL DRUM	INTACT	41	G	71	BROWN GRANULAR SOLID	
55	A	55-GAL DRUM	INTACT	50	G		OIL/WATER MIXTURE	
56	A	55-GAL DRUM	OPEN	41	G		BLACK FLAKY SOLID	
57	A	55-GAL DRUM	INTACT	40	G		BLACK CHUNKY SOLID	
58	A	55-GAL DRUM	INTACT	55	G		GREEN LIQUID WITH SOLIDS	SOME RAINWATER
59	A	55-GAL DRUM	OPEN	55	G		GREEN LIQUID WITH SOLIDS	SOME RAINWATER
60	A	2500-GALLON TANK		125	G		UNLEADED GASOLINE	ASSUMED CAPACITY
61	A	2500-GALLON TANK		250	G		REGULAR GASOLINE	ASSUMED CAPACITY
62	A	2500-GALLON TANK		250	G		DIESEL FUEL	ASSUMED QUANTITY
63	A	55-GAL DRUM	INTACT	55	G		ORANGE ROCK-LIKE SOLID	
64	A	55-GAL DRUM	INTACT	55	G		YELLOW GRANULAR SOLID	
65	A	55-GAL DRUM	OPEN	55	G		ORANGE/WHITE GRANULAR	
66	B	55-GAL DRUM	INTACT	30	G		BROWN RUBBERY SLUDGE	D-9
67	B	55-GAL DRUM	INTACT	50	G		WHITE GUMMY SLUDGE	
68	B	55-GAL DRUM	INTACT	55	G		MULTICOLORED GUMMY SLUDGE	
69A	B	55-GAL DRUM	INTACT	20	G		YELLOW LIQUID	
69B	B	55-GAL DRUM	INTACT	20	G	62	WHITE MILKY SLUDGE	
70	B	55-GAL DRUM	INTACT	55	G	62	BROWN GUMMY SLUDGE	
71	B	55-GAL DRUM	INTACT	55	G		BROWN CHUNKY SOLID	
72	B	55-GAL DRUM	INTACT	41	G		BROWN FIBROUS SLUDGE	
73	B	55-GAL DRUM	INTACT	41	G		WHITE MILKY LIQUID	
74	B	55-GAL DRUM	INTACT	55	G	62	WHITE MILKY SLUDGE	
75	B	55-GAL DRUM	INTACT	55	G		OIL/WATER MIXTURE	
76	B	55-GAL DRUM	INTACT	41	G		BROWN SLUDGE	
77	B	55-GAL DRUM	INTACT	50	G		CLEAR LIQUID WITH SLUDGE	
78	B	55-GAL DRUM	INTACT	41	G	62	BLACK GUMMY SLUDGE	
79	B	55-GAL DRUM	OPEN	41	G		BLACK CRYSTALLINE SOLID	
80	B	55-GAL DRUM	INTACT	41	G		BROWN GRANULAR SOLID	
81	B	55-GAL DRUM	INTACT	41	G		VISCOUS AMBER LIQUID	
82	B	55-GAL DRUM	INTACT	41	G	62	BLACK VISCOUS SLUDGE	

TABLE 1
(CONTINUED)

WASTE INVENTORY NUMBER	SITE AREA	CONTAINER DESCRIPTION	DRUM CONDITION	QUANTITY IN WASTE CONTAINER		OBSERVED CONTENTS	NOTES
83	B	55-GAL DRUM	INTACT	41	G	FLAKY BROWN/WHITE SOLID	
84	B	55-GAL DRUM	INTACT	55	G	BROWN OILY LIQUID	
85	B	55-GAL DRUM	INTACT	41	G	VISCOUS YELLOW LIQUID	
86	B	55-GAL DRUM	INTACT	55	G	BROWN GRANULAR SOLID	
87	B	55-GAL DRUM	INTACT	41	G	MULTICOLORED FLAKY SOLID	
88	B	55-GAL DRUM	INTACT	55	G	BROWN GRANULAR SOLID	
89	B	55-GAL DRUM	INTACT	41	G	YELLOW SLUDGE	
90	B	55-GAL DRUM	INTACT	41	G	BLACK SLUDGE	
91	B	55-GAL DRUM	INTACT	41	G	BROWN SOLID	
92	B	55-GAL DRUM	INTACT	55	G	GRAY ASH-LIKE SOLID	
93	B	55-GAL DRUM	INTACT	41	G	BROWN SLUDGE	
94	B	55-GAL DRUM	OPEN	41	G	YELLOW POWDERY SOLID	
95	B	55-GAL DRUM	OPEN	41	G	BROWN SLUDGE	
96	B	55-GAL DRUM	OPEN	55	G	TAN CHUNKY SOLID	
97	B	55-GAL DRUM	INTACT	55	G	GREEN SOLID/DEBRIS	
98	B	55-GAL DRUM	INTACT	55	G	BROWN/WHITE SOLID	
99	B	55-GAL DRUM	INTACT	41	G	WHITE MILKY LIQUID	
100	B	55-GAL DRUM	OPEN	41	G	MULTICOLORED FLAKY SOLID	
101	B	55-GAL DRUM	OPEN	41	G	MULTICOLORED FLAKY SOLID	
102	B	55-GAL DRUM	OPEN	55	G	BLACK VISCOUS SLUDGE	
103	B	55-GAL DRUM	OPEN	55	G	MULTICOLORED SOLID	
104	B	55-GAL DRUM	INTACT	55	G	BROWN LIQUID	HARD SOLID BELOW
105	B	55-GAL DRUM	OPEN	41	G	YELLOW POWDERY SOLID	
106	B	55-GAL DRUM	INTACT	41	G	YELLOW POWDERY SOLID	
107	B	55-GAL DRUM	INTACT	40	G	GREEN LIQUID	
108	B	55-GAL DRUM	OPEN	9	G	BROWN LIQUID	
109	B	55-GAL DRUM	OPEN	55	G	WHITE POWDERY SOLID	
110	B	55-GAL DRUM	OPEN	9	G	BROWN LIQUID/SLUDGE	
111	B	55-GAL DRUM	OPEN	41	G	MULTICOLORED GRANULAR	
112	C	55-GAL DRUM	INTACT	55	G	WHITE POWDERY SOLID	
113	C	55-GAL DRUM	INTACT	55	G	BROWN SOLID/LIQUID	
114	C	55-GAL DRUM	OPEN	41	G	CLEAR-MILKY LIQUID	
115	C	55-GAL DRUM	INTACT	41	G	BROWN/ORANGE LIQUID	
116	C	55-GAL DRUM	OPEN	41	G	BLACK GUMMY SLUDGE	
117	C	55-GAL DRUM	INTACT	55	G	WHITE POWDERY SOLID	
118	C	55-GAL DRUM	INTACT	19	G	YELLOW/CLEAR LIQUID	HARD SOLID BELOW
119	C	55-GAL DRUM	OPEN	41	G	BROWN LIQUID WITH SOLIDS	
120	C	55-GAL DRUM	OPEN	55	G	YELLOW LIQUID	
121	C	55-GAL DRUM	OPEN	55	G	BROWN GRANULAR SOLID	
122	C	55-GAL DRUM	OPEN	41	G	BROWN GRANULAR SOLID	
123	C	55-GAL DRUM	OPEN	41	G	BROWN GRANULAR SOLID	
124	C	55-GAL DRUM	OPEN	41	G	BROWN GRANULAR SOLID	
125	C	55-GAL DRUM	OPEN	41	G	BROWN GRANULAR SOLID	
126	C	55-GAL DRUM	OPEN	41	G	BROWN GRANULAR SOLID	
127	C	55-GAL DRUM	OPEN	41	G	BROWN GRANULAR SOLID	
128	C	55-GAL DRUM	OPEN	5	G	BROWN SOLID	

TABLE 1
(CONTINUED)

WASTE INVENTORY NUMBER	SITE AREA	CONTAINER DESCRIPTION	DRUM CONDITION	QUANTITY IN WASTE CONTAINER		PCB CON. ppm	OBSERVED CONTENTS	NOTES
129	C	55-GAL DRUM	OPEN	9	G		BROWN/BLACK SOLID	
130	C	55-GAL DRUM	OPEN	9	G		BROWN CRYSTALLINE SOLID	
131	C	1000-GALLON TANK		1000	G		BROWN GRANULAR SOLID	V-6
132	C	55-GAL DRUM	OPEN	5	G		ORANGE LIQUID	
133	C	500-GALLON TANK		500	G		BLACK VISCOUS LIQUID	V-10
134	C	500-GALLON TANK		500	G		BROWN GRANULAR SOLID	
135	C	55-GAL DRUM	INTACT	55	G		BLACK SLUDGE	
136	A	250-GALLON TANK		250	G		BROWN VISCOUS LIQUID	V-18
137	A	250-GALLON TANK		250	G		OIL/WATER MIXTURE	
138	A	500-GALLON TANK		500	G		BROWN VISCOUS LIQUID	V-9
139	C	55-GAL DRUM	OPEN	5	G		BLACK VISCOUS SLUDGE	
140	C	55-GAL DRUM	OPEN	5	G		BROWN VISCOUS SLUDGE	
141	A	10000-GALLON TANK		900	G		BLACK LIQUID	V-2
142	A	10000-GALLON TANK		7250	G		PINK SLUDGE	V-1
143	C	55-GAL DRUM	OPEN	41	G		BROWN/WHITE SOLID	
144	C	55-GAL DRUM	OPEN	27	G		BLACK GRANULAR SOLID	
145	C	55-GAL DRUM	OPEN	55	G		WHITE GRANULAR SOLID	
146	C	SOIL					CONTAMINATED SOIL	COMPOSITE
147	C	SOIL					CONTAMINATED SOIL	COMPOSITE
148	C	SOIL					CONTAMINATED SOIL	COMPOSITE
149	C	SOIL					CONTAMINATED SOIL	COMPOSITE
150	C	SOIL					CONTAMINATED SOIL	COMPOSITE
151	C	SOIL					CONTAMINATED SOIL	COMPOSITE
152	C	SOIL					CONTAMINATED SOIL	COMPOSITE
153	C	SOIL					CONTAMINATED SOIL	COMPOSITE
154	C	SOIL					CONTAMINATED SOIL	COMPOSITE
155	C	SOIL					CONTAMINATED SOIL	COMPOSITE
156	C	SOIL				68	CONTAMINATED SOIL	COMPOSITE
157	C	SOIL				68	CONTAMINATED SOIL	COMPOSITE
158	D	20-CY ROLLOFF		20	CY		BROWN GRANULAR SOLID	R-4
159	D	20-CY ROLLOFF		20	CY		BROWN GRANULAR SOLID	R-8
160	D	20-CY ROLLOFF		20	CY		BLACK TARRY SLUDGE	R-5 & R-7
161	D	1000-GALLON TANK		1000	G		MULTICOLORED LIQUID	R-15
162	D	SOIL					CONTAMINATED SOIL	SURROUND T-161
163	D	SOIL				68	CONTAMINATED SOIL	
164	A	20-CY ROLLOFF		20	CY		HARD SOLID	R-4
165	A	55-GAL DRUM	INTACT	41	G		GREEN LIQUID	
166	A	55-GAL DRUM	INTACT	5	G		FIBROUS SLUDGE	
167	C	30-CY ROLLOFF		30	CY		MULTICOLORED SLUDGE	R-5: 12" RAINWATER
168	A	30-CY ROLLOFF		30	CY		MULTICOLORED SLUDGE	12 INCHES RAINWATER
169	A	SOIL					CONTAMINATED SOIL	
170	A	SOIL					CONTAMINATED SOIL	
171A	A	250000-GALLON TANK		23250	G		BLACK/BROWN OILY SLUDGE	
171B	A	250000-GALLON TANK		8400	G	772	BLACK OILY LIQUID	
172	A	SOIL					CONTAMINATED SOIL	SPILLED DRUM
173	C	55-GAL DRUM	INTACT	55	G		BLACK ROCK-HARD SOLID	

TABLE 1
(CONTINUED)

WASTE INVENTORY NUMBER	SITE AREA	CONTAINER DESCRIPTION	DRUM CONDITION	QUANTITY IN WASTE CONTAINER		OBSERVED CONTENTS	NOTES
174	C	55-GAL DRUM	OPEN	55	G	BLACK SLUDGE	
175	C	55-GAL DRUM	OPEN	27	G	MULTICOLORED SLUDGE	
176	C	55-GAL DRUM	OPEN	41	G	BLACK SLUDGE	SOME RAINWATER
177	C	55-GAL DRUM	OPEN	41	G	ORANGE-YELLOW SLUDGE	
178	C	55-GAL DRUM	OPEN	55	G	YELLOW GELATINOUS SLUDGE	
179	C	55-GAL DRUM	OPEN	27	G	BLACK GRANULAR SOLID	
180	C	55-GAL DRUM	OPEN	41	G	YELLOW SLUDGE	
181	C	55-GAL DRUM	OPEN	41	G	YELLOW/BLACK SLUDGE	
182	C	55-GAL DRUM	OPEN	41	G	WHITE/BROWN SLUDGE	
183	C	55-GAL DRUM	OPEN	55	G	BROWN GRANULAR SOLID	
184	C	SOIL				WHITE GELATINOUS SLUDGE	ON GROUND SURFACE
185	C	55-GAL DRUM	OPEN	55	G	BLACK VISCOUS SLUDGE	

TABLE 2

LABORATORY TESTING RESULTS
WASTE CATEGORIZATION
DUANE MARINE SALVAGE CORPORATION SITE
PERTH AMBOY, NEW JERSEY

WASTE NUMBER	PHASE	WATER REACTIVE	WATER SOLUBLE	HEXANE SOLUBLE	VOLATILE ORGANICS (PPM)	HALOGENS	IGNITES	PH	CYANIDES	SULFIDES	OXIDIZERS/ PEROXIDES	COMPOSITE PCB CONCENTRATION (PPM)
1	SLUDGE	NO	NONE	NONE	5.0	PRESENT	NO	6	ABSENT	ABSENT	ABSENT	< 1
2A	SLUDGE	NO	COMPL	NONE	1.2	ABSENT	NO	8	ABSENT	ABSENT	ABSENT	1
2B	LIQUID	NO	SLIGHT	NONE	3.5	ABSENT	NO	8	ABSENT	ABSENT	ABSENT	< 1
3A	LIQUID	NO	COMPL	NONE	3.1	ABSENT	NO	7	ABSENT	ABSENT	ABSENT	< 1
3B	SLUDGE	NO	NONE	SLGHT	1.1	ABSENT	NO	7	ABSENT	ABSENT	ABSENT	4
4	LIQUID	NO	SLIGHT	COMPL	2.0	ABSENT	NO	5	ABSENT	ABSENT	ABSENT	7
5	LIQUID	NO	COMPL	NONE	1.4	ABSENT	NO	11	PRESENT	ABSENT	PRESENT	< 1
6	LIQUID	NO	COMPL	NONE	0.0	PRESENT	NO	14	ABSENT	ABSENT	ABSENT	< 1
7	LIQUID	NO	COMPL	NONE	0.0	PRESENT	NO	1	--	--	ABSENT	< 1
8	LIQUID	NO	COMPL	NONE	0.0	ABSENT	NO	8	ABSENT	ABSENT	ABSENT	< 1
9	SOLID	NO	NONE	SLGHT	2.0	ABSENT	NO	6	ABSENT	ABSENT	ABSENT	71
10	SOLID	NO	SLIGHT	NONE	0.0	ABSENT	NO	6	ABSENT	ABSENT	ABSENT	6
11A	LIQUID	NO	NONE	COMPL	4.0	PRESENT	NO	5	ABSENT	ABSENT	ABSENT	13
11B	SLUDGE	NO	NONE	MODER	1.2	ABSENT	NO	5	ABSENT	ABSENT	ABSENT	6
12	LIQUID	NO	NONE	SLGHT	4.0	ABSENT	NO	6	ABSENT	ABSENT	ABSENT	< 1
13	LIQUID	NO	NONE	MODER	3.0	ABSENT	NO	5	ABSENT	ABSENT	ABSENT	13400
14	LIQUID	NO	COMPL	NONE	1.0	PRESENT	NO	6	ABSENT	ABSENT	ABSENT	< 1
15	LIQUID	NO	COMPL	NONE	0.0	ABSENT	NO	7	ABSENT	ABSENT	ABSENT	< 1
16	SOLID	NO	NONE	SLGHT	7.0	ABSENT	NO	6	ABSENT	ABSENT	ABSENT	2
17	LIQUID	NO	COMPL	NONE	0.0	PRESENT	NO	6	ABSENT	ABSENT	ABSENT	< 1
18A	LIQUID	NO	MODER	MODER	1.8	ABSENT	NO	6	ABSENT	ABSENT	ABSENT	3
18B	LIQUID	NO	COMPL	SLGHT	0.9	ABSENT	NO	8	ABSENT	ABSENT	ABSENT	< 1
19	SOLID	NO	NONE	NONE	0.0	ABSENT	NO	6	ABSENT	ABSENT	ABSENT	< 1
20	SOLID	NO	NONE	NONE	0.0	ABSENT	NO	6	ABSENT	ABSENT	ABSENT	< 1
21	SOLID	NO	NONE	SLGHT	0.0	ABSENT	NO	6	ABSENT	ABSENT	ABSENT	71
22	SOLID	NO	NONE	SLGHT	0.0	PRESENT	NO	6	ABSENT	ABSENT	ABSENT	18
23	LIQUID	NO	NONE	COMPL	2.6	PRESENT	NO	6	ABSENT	ABSENT	ABSENT	10
24	LIQUID	NO	NONE	COMPL	1.4	PRESENT	NO	6	ABSENT	ABSENT	ABSENT	68
25	LIQUID	NO	NONE	COMPL	7.8	PRESENT	YES	6	ABSENT	ABSENT	ABSENT	670
26	LIQUID	NO	COMPL	NONE	0.0	ABSENT	NO	10	ABSENT	ABSENT	ABSENT	< 1
27	SLUDGE	NO	SLIGHT	NONE	0.0	ABSENT	NO	10	ABSENT	ABSENT	ABSENT	1
28	LIQUID	NO	COMPL	NONE	0.0	ABSENT	NO	12	ABSENT	ABSENT	ABSENT	< 1
29	LIQUID	NO	SLIGHT	NONE	0.0	ABSENT	NO	13	ABSENT	ABSENT	ABSENT	< 1
30	LIQUID	NO	SLIGHT	NONE	0.0	ABSENT	NO	13	ABSENT	ABSENT	ABSENT	< 1
31	LIQUID	NO	SLIGHT	NONE	0.0	ABSENT	NO	9	ABSENT	ABSENT	ABSENT	< 1
32	LIQUID	NO	SLIGHT	NONE	0.1	ABSENT	NO	13	ABSENT	ABSENT	ABSENT	< 1
33	LIQUID	NO	COMPL	NONE	0.1	ABSENT	NO	11	ABSENT	ABSENT	ABSENT	< 1
34	LIQUID	NO	SLIGHT	NONE	0.1	ABSENT	NO	12	ABSENT	ABSENT	ABSENT	< 1
35	LIQUID	NO	SLIGHT	NONE	0.0	ABSENT	NO	8	ABSENT	ABSENT	ABSENT	< 1
36	SLUDGE	NO	NONE	NONE	0.0	ABSENT	NO	7	ABSENT	ABSENT	ABSENT	1

TABLE 2
(CONTINUED)

WASTE NUMBER	PHASE	WATER REACTIVE	WATER SOLUBLE	HEXANE SOLUBLE	VOLATILE ORGANICS (PPM)	HALOGENS	IGNITES	PH	CYANIDES	SULFIDES	OXIDIZERS/ PEROXIDES	COMPOSITE PCB CONCENTRATION (PPM)
37	SOLID	NO	SLIGHT	NONE	0.1	PRESENT	NO	8	ABSENT	ABSENT	ABSENT	1
38	SOLID	NO	SLIGHT	SLGHT	0.1	PRESENT	NO	5	ABSENT	ABSENT	ABSENT	< 1
39	LIQUID	NO	COMPL	NONE	0.0	ABSENT	NO	14	ABSENT	ABSENT	ABSENT	< 1
40	LIQUID	NO	SLIGHT	NONE	0.0	ABSENT	NO	13	ABSENT	ABSENT	ABSENT	< 1
41A	SOLID	NO	SLIGHT	NONE	0.1	ABSENT	NO	10	ABSENT	ABSENT	ABSENT	< 1
41B	SOLID	NO	SLIGHT	NONE	0.1	ABSENT	NO	11	ABSENT	ABSENT	ABSENT	< 1
42A	LIQUID	NO	COMPL	NONE	0.2	ABSENT	NO	13	ABSENT	ABSENT	ABSENT	< 1
42B	LIQUID	NO	MODER	NONE	0.0	ABSENT	NO	13	ABSENT	ABSENT	ABSENT	< 1
43	SOLID	NO	SLIGHT	NONE	0.0	ABSENT	NO	11	ABSENT	ABSENT	ABSENT	< 1
44	SOLID	NO	COMPL	NONE	0.1	ABSENT	NO	13	ABSENT	ABSENT	ABSENT	< 1
45	SLUDGE	NO	SLIGHT	NONE	2.3	ABSENT	NO	10	ABSENT	ABSENT	ABSENT	2
46	SOLID	NO	SLIGHT	NONE	0.2	ABSENT	NO	12	ABSENT	ABSENT	ABSENT	1
47	LIQUID	NO	COMPL	NONE	0.0	ABSENT	NO	13	ABSENT	ABSENT	ABSENT	< 1
48	SOLID	NO	SLIGHT	NONE	0.1	ABSENT	NO	10	ABSENT	ABSENT	ABSENT	< 1
49	SLUDGE	NO	SLIGHT	NONE	0.0	ABSENT	NO	13	ABSENT	ABSENT	ABSENT	< 1
50	LIQUID	NO	COMPL	NONE	0.0	ABSENT	NO	13	ABSENT	ABSENT	ABSENT	< 1
51	LIQUID	NO	COMPL	NONE	0.0	ABSENT	NO	12	ABSENT	ABSENT	ABSENT	< 1
52	LIQUID	NO	SLIGHT	NONE	0.0	ABSENT	NO	13	ABSENT	ABSENT	ABSENT	< 1
53	SOLID	NO	NONE	SLGHT	0.0	ABSENT	NO	6	PRESENT	ABSENT	ABSENT	71
54	SOLID	NO	NONE	SLGHT	0.0	ABSENT	NO	6	PRESENT	ABSENT	ABSENT	71
55	LIQUID	NO	SLIGHT	MODER	0.0	ABSENT	NO	6	ABSENT	ABSENT	ABSENT	7
56	SOLID	NO	MODER	NONE	0.0	ABSENT	NO	11	ABSENT	ABSENT	ABSENT	< 1
57	SOLID	NO	NONE	MODER	0.2	ABSENT	NO	6	ABSENT	ABSENT	ABSENT	4
58	LIQUID	NO	MODER	NONE	0.1	ABSENT	NO	13	ABSENT	ABSENT	ABSENT	< 1
59	LIQUID	NO	MODER	NONE	0.1	ABSENT	NO	13	ABSENT	ABSENT	ABSENT	< 1
60	LIQUID	NO	SLIGHT	COMPL	6.5	ABSENT	YES	5	ABSENT	ABSENT	ABSENT	< 1
61	LIQUID	NO	SLIGHT	COMPL	0.3	ABSENT	YES	6	ABSENT	ABSENT	ABSENT	< 1
62	LIQUID	NO	SLIGHT	COMPL	6.5	ABSENT	YES	6	ABSENT	ABSENT	ABSENT	< 1
63	SOLID	NO	SLIGHT	NONE	0.0	ABSENT	NO	14	ABSENT	ABSENT	ABSENT	< 1
64	SOLID	NO	SLIGHT	NONE	0.0	ABSENT	NO	10	ABSENT	ABSENT	ABSENT	< 1
65	SOLID	NO	MODER	NONE	0.0	ABSENT	NO	10	ABSENT	ABSENT	ABSENT	< 1
66	SLUDGE	NO	SLIGHT	SLGHT	0.0	ABSENT	YES	6	ABSENT	ABSENT	ABSENT	2
67	SLUDGE	NO	MODER	SLGHT	6.7	ABSENT	YES	7	ABSENT	ABSENT	ABSENT	2
68	SLUDGE	NO	SLIGHT	NONE	4.1	ABSENT	NO	6	ABSENT	ABSENT	ABSENT	2
69A	LIQUID	NO	MODER	NONE	0.0	ABSENT	NO	4	ABSENT	ABSENT	ABSENT	< 1
69B	SLUDGE	NO	SLIGHT	NONE	6.6	ABSENT	NO	4	ABSENT	ABSENT	ABSENT	62
70	SLUDGE	NO	NONE	MODER	6.6	ABSENT	NO	6	ABSENT	ABSENT	ABSENT	62
71	SOLID	NO	NONE	NONE	0.0	ABSENT	NO	6	ABSENT	ABSENT	ABSENT	< 1
72	SLUDGE	NO	NONE	NONE	0.1	ABSENT	YES	6	ABSENT	ABSENT	ABSENT	4
73	LIQUID	NO	MODER	NONE	6.7	ABSENT	NO	7	ABSENT	ABSENT	ABSENT	< 1
74	SLUDGE	NO	MODER	NONE	6.6	ABSENT	NO	7	ABSENT	ABSENT	ABSENT	62
75	LIQUID	NO	MODER	NONE	0.0	ABSENT	NO	5	ABSENT	ABSENT	ABSENT	< 1
76	SLUDGE	NO	NONE	NONE	0.0	ABSENT	NO	6	ABSENT	ABSENT	ABSENT	< 1
77	SLUDGE	NO	COMPL	NONE	0.7	ABSENT	NO	6	ABSENT	ABSENT	ABSENT	< 1

TABLE 2
(CONTINUED)

WASTE NUMBER	PHASE	WATER REACTIVE	WATER SOLUBLE	HEXANE SOLUBLE	VOLATILE ORGANICS (PPM)	HALOGENS	IGNITES	PH	CYANIDES	SULFIDES	OXIDIZERS/ PEROXIDES	COMPOSITE PCB CONCENTRATION (PPM)
78	SLUDGE	NO	NONE	SLGHT	6.1	ABSENT	YES	6	ABSENT	ABSENT	ABSENT	62
79	SOLID	NO	NONE	NONE	0.4	ABSENT	NO	7	ABSENT	ABSENT	ABSENT	< 1
80	SOLID	NO	SLIGHT	NONE	0.0	ABSENT	NO	7	ABSENT	ABSENT	ABSENT	33
81	LIQUID	NO	COMPL	NONE	0.1	ABSENT	NO	8	PRESENT	ABSENT	ABSENT	< 1
82	SLUDGE	NO	NONE	SLGHT	6.3	ABSENT	YES	6	ABSENT	ABSENT	ABSENT	62
83	SOLID	NO	SLIGHT	NONE	0.0	ABSENT	NO	9	ABSENT	ABSENT	ABSENT	< 1
84	LIQUID	NO	COMPL	NONE	0.0	ABSENT	NO	10	ABSENT	ABSENT	ABSENT	< 1
85	LIQUID	NO	MODER	NONE	0.0	ABSENT	NO	5	ABSENT	ABSENT	ABSENT	< 1
86	SOLID	NO	NONE	NONE	0.0	ABSENT	NO	6	ABSENT	ABSENT	ABSENT	33
87	SOLID	NO	NONE	SLGHT	0.0	ABSENT	NO	6	PRESENT	ABSENT	ABSENT	4
88	SOLID	NO	NONE	NONE	0.0	PRESENT	NO	6	ABSENT	ABSENT	ABSENT	33
89	SLUDGE	NO	SLIGHT	NONE	0.5	PRESENT	NO	7	ABSENT	ABSENT	ABSENT	< 1
90	SLUDGE	NO	SLIGHT	NONE	6.5	ABSENT	NO	7	ABSENT	ABSENT	ABSENT	3
91	SOLID	NO	NONE	NONE	0.0	PRESENT	NO	6	ABSENT	ABSENT	ABSENT	33
92	SOLID	NO	SLIGHT	NONE	0.0	ABSENT	NO	6	ABSENT	ABSENT	ABSENT	< 1
93	SLUDGE	NO	NONE	NONE	0.0	ABSENT	NO	6	ABSENT	ABSENT	ABSENT	< 1
94	SOLID	NO	SLIGHT	NONE	0.0	PRESENT	NO	6	ABSENT	ABSENT	ABSENT	33
95	SLUDGE	NO	NONE	SLGHT	0.0	ABSENT	YES	6	ABSENT	ABSENT	ABSENT	3
96	SOLID	NO	SLIGHT	NONE	0.0	ABSENT	NO	6	ABSENT	ABSENT	ABSENT	4
97	SOLID	NO	NONE	NONE	0.0	ABSENT	YES	6	ABSENT	ABSENT	ABSENT	< 1
98	SLUDGE	NO	SLIGHT	NONE	0.0	ABSENT	NO	6	ABSENT	ABSENT	ABSENT	< 1
99	LIQUID	NO	COMPL	NONE	0.0	ABSENT	NO	7	ABSENT	ABSENT	ABSENT	< 1
100	SOLID	NO	MODER	NONE	0.0	PRESENT	YES	6	ABSENT	ABSENT	ABSENT	4
101	SOLID	NO	MODER	NONE	0.0	PRESENT	YES	7	ABSENT	ABSENT	ABSENT	4
102	SLUDGE	NO	NONE	MODER	0.0	ABSENT	NO	6	ABSENT	ABSENT	ABSENT	4
103	SOLID	NO	SLIGHT	NONE	0.0	PRESENT	YES	6	ABSENT	ABSENT	ABSENT	< 1
104	LIQUID	NO	COMPL	NONE	0.0	ABSENT	NO	12	ABSENT	ABSENT	ABSENT	< 1
105	SOLID	NO	MODER	NONE	0.0	ABSENT	NO	12	ABSENT	ABSENT	ABSENT	< 1
106	SOLID	NO	MODER	NONE	0.0	ABSENT	NO	14	ABSENT	ABSENT	ABSENT	< 1
107	LIQUID	NO	COMPL	NONE	0.4	ABSENT	NO	12	ABSENT	ABSENT	ABSENT	< 1
108	LIQUID	NO	MODER	NONE	0.2	ABSENT	NO	12	ABSENT	ABSENT	ABSENT	< 1
109	SOLID	NO	SLIGHT	NONE	0.0	ABSENT	NO	6	ABSENT	ABSENT	ABSENT	< 1
110	LIQUID	NO	COMPL	NONE	0.2	ABSENT	NO	12	ABSENT	ABSENT	ABSENT	< 1
111	SLUDGE	NO	MODER	NONE	0.1	ABSENT	NO	6	ABSENT	ABSENT	ABSENT	< 1
112	SOLID	NO	COMPL	NONE	0.2	ABSENT	NO	11	ABSENT	ABSENT	ABSENT	< 1
113	LIQUID	NO	SLIGHT	NONE	0.1	ABSENT	NO	13	ABSENT	ABSENT	ABSENT	< 1
114	LIQUID	NO	COMPL	NONE	0.0	ABSENT	NO	11	ABSENT	ABSENT	ABSENT	< 1
115	LIQUID	NO	SLIGHT	NONE	0.0	ABSENT	NO	13	ABSENT	ABSENT	ABSENT	< 1
116	SLUDGE	NO	NONE	MODER	0.0	PRESENT	YES	6	ABSENT	ABSENT	ABSENT	< 1
117	SOLID	NO	MODER	NONE	0.0	ABSENT	NO	11	ABSENT	ABSENT	ABSENT	< 1
118	LIQUID	NO	MODER	NONE	0.0	ABSENT	NO	11	ABSENT	ABSENT	ABSENT	< 1
119	LIQUID	NO	SLIGHT	NONE	0.0	ABSENT	NO	11	ABSENT	ABSENT	ABSENT	< 1
120	LIQUID	NO	COMPL	NONE	0.0	ABSENT	NO	14	ABSENT	ABSENT	ABSENT	< 1
121	SOLID	NO	SLIGHT	NONE	0.0	ABSENT	NO	11	ABSENT	ABSENT	ABSENT	4

TABLE 2
(CONTINUED)

WASTE NUMBER	PHASE	WATER REACTIVE	WATER SOLUBLE	HEXANE SOLUBLE	VOLATILE ORGANICS (PPM)	HALOGENS	IGNITES	PH	CYANIDES	SULFIDES	OXIDIZERS/ PEROXIDES	COMPOSITE PCB CONCENTRATION (PPM)
122	SOLID	NO	SLIGHT	NONE	2.4	ABSENT	NO	6	ABSENT	ABSENT	ABSENT	3
123	SOLID	NO	NONE	NONE	0.2	ABSENT	NO	6	ABSENT	ABSENT	ABSENT	< 1
124	SOLID	NO	NONE	NONE	0.0	ABSENT	NO	6	PRESENT	ABSENT	ABSENT	4
125	SOLID	NO	SLIGHT	NONE	0.0	ABSENT	NO	6	ABSENT	ABSENT	ABSENT	< 1
126	SOLID	NO	MODER	SLGHT	0.0	ABSENT	NO	6	ABSENT	ABSENT	ABSENT	< 1
127	SOLID	NO	SLIGHT	SLGHT	0.0	ABSENT	NO	7	ABSENT	ABSENT	ABSENT	< 1
128	SOLID	NO	SLIGHT	SLGHT	0.0	ABSENT	NO	6	ABSENT	ABSENT	ABSENT	< 1
129	SOLID	NO	MODER	SLGHT	0.0	ABSENT	NO	7	ABSENT	ABSENT	ABSENT	< 1
130	SOLID	NO	MODER	NONE	0.0	ABSENT	NO	10	ABSENT	ABSENT	ABSENT	< 1
131	SOLID	NO	NONE	MODER	0.0	PRESENT	YES	6	ABSENT	ABSENT	ABSENT	10
132	LIQUID	NO	MODER	NONE	0.0	ABSENT	NO	6	ABSENT	ABSENT	ABSENT	< 1
133	LIQUID	NO	SLIGHT	COMPL	0.6	ABSENT	YES	6	ABSENT	ABSENT	ABSENT	< 1
134	SOLID	NO	SLIGHT	MODER	0.0	PRESENT	NO	6	ABSENT	ABSENT	ABSENT	10
135	SLUDGE	NO	NONE	MODER	0.7	PRESENT	YES	6	ABSENT	ABSENT	ABSENT	< 1
136	LIQUID	NO	NONE	COMPL	5.8	ABSENT	YES	5	ABSENT	ABSENT	PRESENT	< 1
137	LIQUID	NO	NONE	NONE	2.2	PRESENT	NO	6	ABSENT	ABSENT	ABSENT	< 1
138	LIQUID	NO	COMPL	NONE	6.6	PRESENT	YES	5	ABSENT	ABSENT	PRESENT	< 1
139	SLUDGE	NO	NONE	COMPL	0.0	ABSENT	YES	6	ABSENT	ABSENT	ABSENT	3
140	SLUDGE	NO	NONE	COMPL	0.0	ABSENT	YES	6	ABSENT	ABSENT	ABSENT	3
141	LIQUID	NO	COMPL	SLGHT	6.4	PRESENT	NO	5	ABSENT	ABSENT	ABSENT	< 1
142	SLUDGE	NO	NONE	SLGHT	6.4	PRESENT	YES	5	ABSENT	ABSENT	ABSENT	12
143	SOLID	NO	MODER	NONE	0.0	ABSENT	NO	11	ABSENT	ABSENT	ABSENT	< 1
144	SOLID	NO	NONE	NONE	0.0	PRESENT	NO	6	ABSENT	ABSENT	ABSENT	< 1
145	SOLID	NO	COMPL	NONE	0.0	ABSENT	NO	12	ABSENT	ABSENT	ABSENT	< 1
146	SOLID	NO	NONE	SLGHT	0.0	ABSENT	NO	7	ABSENT	ABSENT	ABSENT	< 1
147	SOLID	NO	NONE	SLGHT	0.0	ABSENT	NO	6	ABSENT	ABSENT	ABSENT	< 1
148	SOLID	NO	SLIGHT	SLGHT	0.0	ABSENT	NO	6	ABSENT	ABSENT	ABSENT	< 1
149	SOLID	NO	SLIGHT	NONE	0.0	ABSENT	NO	6	ABSENT	ABSENT	ABSENT	< 1
150	SOLID	NO	SLIGHT	NONE	0.0	PRESENT	NO	7	ABSENT	ABSENT	ABSENT	< 1
151	SOLID	NO	SLIGHT	NONE	0.0	ABSENT	NO	6	ABSENT	ABSENT	ABSENT	< 1
152	SOLID	NO	SLIGHT	MODER	0.0	ABSENT	NO	6	ABSENT	ABSENT	ABSENT	< 1
153	SOLID	NO	SLIGHT	NONE	0.0	ABSENT	NO	5	ABSENT	ABSENT	ABSENT	< 1
154	SOLID	NO	SLIGHT	NONE	0.0	PRESENT	NO	6	ABSENT	ABSENT	ABSENT	< 1
155	SOLID	NO	SLIGHT	SLGHT	0.0	ABSENT	NO	6	ABSENT	ABSENT	ABSENT	2
156	SOLID	NO	SLIGHT	NONE	0.0	ABSENT	NO	6	ABSENT	ABSENT	ABSENT	68
157	SOLID	NO	MODER	NONE	0.0	ABSENT	NO	6	ABSENT	ABSENT	ABSENT	68
158	SOLID	NO	SLIGHT	SLGHT	0.0	ABSENT	NO	6	ABSENT	ABSENT	ABSENT	4
159	SOLID	NO	MODER	NONE	0.0	ABSENT	NO	6	ABSENT	ABSENT	ABSENT	< 1
160	SLUDGE	NO	NONE	MODER	6.4	ABSENT	YES	6	ABSENT	ABSENT	PRESENT	12
161	LIQUID	NO	SLIGHT	SLGHT	0.0	PRESENT	YES	5	PRESENT	ABSENT	ABSENT	10
162	SOLID	NO	NONE	NONE	0.0	ABSENT	NO	6	ABSENT	ABSENT	ABSENT	68
163	SOLID	NO	NONE	NONE	0.0	ABSENT	NO	6	ABSENT	ABSENT	ABSENT	68
164	SOLID	NO	NONE	SLGHT	2.1	ABSENT	YES	7	PRESENT	ABSENT	ABSENT	12
165	LIQUID	NO	SLIGHT	SLGHT	0.0	ABSENT	NO	6	ABSENT	ABSENT	ABSENT	7

TABLE 2
(CONTINUED)

WASTE NUMBER	PHASE	WATER REACTIVE	WATER SOLUBLE	HEXANE SOLUBLE	VOLATILE ORGANICS (PPM)	HALOGENS	IGNITES	PH	CYANIDES	SULFIDES	OXIDIZERS/ PEROXIDES	COMPOSITE PCB CONCENTRATION (PPM)
166	SLUDGE	NO	NONE	NONE	0.0	ABSENT	NO	6	PRESENT	ABSENT	ABSENT	11
167	SLUDGE	NO	NONE	MODER	3.5	PRESENT	YES	6	ABSENT	ABSENT	ABSENT	12
168	SLUDGE	NO	NONE	NONE	0.0	PRESENT	NO	6	ABSENT	ABSENT	ABSENT	11
169	SLUDGE	NO	NONE	MODER	0.3	ABSENT	NO	6	ABSENT	ABSENT	ABSENT	12
170	SOLID	NO	NONE	SLGHT	0.0	ABSENT	NO	6	ABSENT	ABSENT	ABSENT	2
171A	SLUDGE	NO	NONE	MODER	6.7	PRESENT	YES	6	ABSENT	ABSENT	ABSENT	12
171B	LIQUID	NO	NONE	COMPL	6.7	PRESENT	YES	5	ABSENT	ABSENT	ABSENT	772
172	SOLID	NO	NONE	SLGHT	0.0	PRESENT	YES	7	ABSENT	ABSENT	ABSENT	13
173	SOLID	NO	SLIGHT	NONE	0.0	PRESENT	NO	6	PRESENT	ABSENT	ABSENT	< 1
174	SLUDGE	NO	NONE	NONE	0.0	ABSENT	NO	6	ABSENT	ABSENT	ABSENT	< 1
175	SLUDGE	NO	NONE	NONE	0.0	PRESENT	YES	6	ABSENT	ABSENT	ABSENT	10
176	SLUDGE	NO	SLIGHT	NONE	0.0	PRESENT	NO	6	ABSENT	ABSENT	ABSENT	< 1
177	SLUDGE	NO	SLIGHT	SLGHT	0.0	ABSENT	YES	6	ABSENT	ABSENT	ABSENT	< 1
178	SLUDGE	NO	NONE	NONE	0.0	ABSENT	NO	9	ABSENT	ABSENT	ABSENT	< 1
179	SOLID	NO	SLIGHT	NONE	0.0	ABSENT	YES	6	ABSENT	ABSENT	ABSENT	< 1
180	SLUDGE	NO	SLIGHT	NONE	0.0	ABSENT	NO	7	ABSENT	ABSENT	ABSENT	< 1
181	SLUDGE	NO	MODER	NONE	0.5	ABSENT	NO	6	ABSENT	ABSENT	ABSENT	< 1
182	SLUDGE	NO	SLIGHT	SLGHT	0.2	ABSENT	NO	8	PRESENT	ABSENT	ABSENT	12
183	SOLID	NO	MODER	SLGHT	0.0	ABSENT	NO	7	ABSENT	ABSENT	ABSENT	11
184	SLUDGE	NO	SLIGHT	NONE	0.2	ABSENT	NO	5	ABSENT	ABSENT	ABSENT	< 1
185	SLUDGE	NO	NONE	SLGHT	6.9	ABSENT	YES	6	ABSENT	ABSENT	ABSENT	12

TABLE 3

LABORATORY ANALYSIS RESULTS
PCB SCREENING(a)

COMPOSITE IDENTIFICATION NUMBER	CONTRIBUTORY SAMPLE NUMBERS(b)	TOTAL PCB CONCENTRATION IN COMPOSITE(c,d) (mg/kg)	PERCENT RECOVERY(e)	SOURCE AROCLOR(f)
PC-1	2B, 3A, 73	<1.0(g)	-	-
PC-2	4, 55, 165	6.4/6.6(h)	-	1242
PC-3	8, 26, 28	<1.0	-	-
PC-4	29, 30, 31, 32, 33	<1.0	-	-
PC-5	34, 35, 39, 40, 42A	<1.0	-	-
PC-6	42B, 47, 50, 51, 52	<1.0/<1.0	103	1260
PC-7	58, 59, 69A, 75, 81	<1.0	-	-
PC-8	84, 85, 99, 104, 107	<1.0	-	-
PC-9	108, 110, 113, 114, 115	<1.0	-	-
PC-10	118, 119, 120, 132	<1.0	-	-
PC-11	9, 21, 53, 54	70.6	-	1242, 1260
PC-12	97, 127, 128, 177, 179	<1.0	-	-
PC-13	16, 45, 66, 67, 68	2.0	-	1260
PC-14	69B, 70, 74, 78, 82	62.2 ✓	-	1242, 1260
PC-15	3B, 72, 87, 102, 158	4.0	-	1242, 1260
PC-16	90, 95, 122, 139, 140	2.8	-	1242
PC-17	160, 164, 169, 182, 185	12.0	-	1242, 1260
PC-18	131, 134, 161, 175	9.9	87.8	1242, 1260
PC-19	1, 38, 116, 135	<1.0	-	-
PC-20	142, 167, 171A	12.0	-	1242, 1260
PC-21	19, 20, 41A, 41B, 43	<1.0	-	-
PC-22	44, 56, 64, 65, 71	<1.0	-	-
PC-23	80, 86, 88, 91, 94	33	-	1242, 1260
PC-24	96, 100, 101, 121, 124	4.4	-	1260
PC-25	125, 126, 124, 159	<1.0	-	-
PC-26	166, 168, 183	11	-	1260
PC-27	2A, 27, 36, 37, 46	1.1	-	1260
PC-28	48, 49, 63, 76, 77	<1.0/<1.0	100	1260
PC-29	79, 83, 89, 92, 93	<1.0	-	-
PC-30	98, 105, 106, 109, 111	<1.0	-	-
PC-31	112, 117, 123, 130, 143	<1.0	-	-
PC-32	144, 145, 173, 174	<1.0/<1.0	103	1260
PC-33	176, 178, 180, 181, 184	<1.0	-	-
PC-34	12	<1.0	-	-
PC-35	13	13,400 ✓	-	1221, 1260
PC-36	18A	3.1	-	1242, 1260
PC-37	60	<1.0	-	-
PC-38	61	<1.0	-	-
PC-39	62	<1.0	-	-
PC-40	133	<1.0	-	-

See footnotes at end of table.

TABLE 3
(Continued)

COMPOSITE IDENTIFICATION NUMBER	CONTRIBUTORY SAMPLE NUMBERS(b)	TOTAL PCB CONCENTRATION IN COMPOSITE(c,d) (mg/kg)	PERCENT RECOVERY(e)	SOURCE AROCLOR(f)
PC-41	136	<1.0	-	-
PC-42	11A	13.4	-	1242, 1260
PC-43	23	9.8	-	1242, 1260
PC-44	24	67.5	-	1221, 1254
PC-45	25	670	-	1221, 1254
PC-46	137, 138	<1.0	-	-
PC-47	141	<1.0	-	-
PC-48	171B	772	-	1221, 1260
PC-49	5, 14, 15, 17, 18B	<1.0	-	-
PC-50	10, 11B	5.7	-	1242, 1260
PC-51	146, 148	<1.0	-	-
PC-52	147	<1.0	-	-
PC-53	155, 170	2.3/2.2	87.6	1242
PC-54	152	<1.0	-	-
PC-55	22	17.5/15.4	88.0	1242, 1260
PC-56	172	13.1/13.2	85.5	1242, 1260
PC-57	149, 150, 151, 153, 154	<1.0	-	-
PC-58	156, 157, 162, 163	68	-	1260
PC-59	6	<1.0	-	-
PC-60	7	<1.0/<1.0	96.9	1260
PC-61	57	3.6	-	1242, 1260
PC-62	103	<1.0	-	-

(a)PCB screening of organic samples. Remainder of screening results will be forwarded as soon as they are available.

(b)For sample descriptions and locations, see Table 1 and Figure 1, respectively.

(c)Method blanks were consistently less than 1.0 milligram per kilogram PCB.

(d)Reported values were not adjusted for percent recovery.

(e)Percent recovery for spiking with Aroclor 1260.

(f)The source of PCB contamination and the commercial Aroclor mixtures used for quantification.

(g)"<" indicates below detection limit of 1.0 milligram per kilogram.

(h)"#/#" indicates replicate extractions and analyses were performed on this sample.

TABLE 4

CLASSIFICATION OF WASTE MATERIALS
BASED ON HAZCAT TESTING RESULTS
DUANE MARINE SALVAGE CORPORATION SITE
PERTH AMBOY, NEW JERSEY

WASTE NUMBER	PHASE	WATER REACTIVE	WATER SOLUBLE	HEXANE SOLUBLE	VOLATILE ORGANICS	HALOGENS	IGNITES	PH	CYANIDES	SULFIDES	OXIDIZERS/ PEROXIDES	WASTE CLASSIFICATION
**** NONHALOGENATED LIQUID ORGANIC WASTES ****												
2B	LIQUID	NO	SLIGHT	NONE	3.5	ABSENT	NO	8	ABSENT	ABSENT	ABSENT	NONHAL/IGN
3A	LIQUID	NO	COMPL	NONE	3.1	ABSENT	NO	7	ABSENT	ABSENT	ABSENT	NONHAL/IGN
4	LIQUID	NO	SLIGHT	COMPL	2.0	ABSENT	NO	5	ABSENT	ABSENT	ABSENT	NONHAL/NONIGN
12	LIQUID	NO	NONE	SLIGHT	4.0	ABSENT	NO	6	ABSENT	ABSENT	ABSENT	NONHAL/IGN
13	LIQUID	NO	NONE	MODER	3.0	ABSENT	NO	5	ABSENT	ABSENT	ABSENT	HAL/IGN
18A	LIQUID	NO	MODER	MODER	1.8	ABSENT	NO	6	ABSENT	ABSENT	ABSENT	PCB MATERIAL NONHAL/NONIGN
18B	LIQUID	NO	COMPL	SLIGHT	0.9	ABSENT	NO	8	ABSENT	ABSENT	ABSENT	NONHAL/NONIGN
55	LIQUID	NO	SLIGHT	MODER	0.0	ABSENT	NO	6	ABSENT	ABSENT	ABSENT	NONHAL/NONIGN
60	LIQUID	NO	SLIGHT	COMPL	6.5	ABSENT	YES	5	ABSENT	ABSENT	ABSENT	NONHAL/IGN
61	LIQUID	NO	SLIGHT	COMPL	0.3	ABSENT	YES	6	ABSENT	ABSENT	ABSENT	NONHAL/IGN
62	LIQUID	NO	SLIGHT	COMPL	6.5	ABSENT	YES	6	ABSENT	ABSENT	ABSENT	NONHAL/IGN
73	LIQUID	NO	MODER	NONE	6.7	ABSENT	NO	7	ABSENT	ABSENT	ABSENT	NONHAL/IGN
133	LIQUID	NO	SLIGHT	COMPL	0.6	ABSENT	YES	6	ABSENT	ABSENT	ABSENT	NONHAL/IGN
136	LIQUID	NO	NONE	COMPL	5.8	ABSENT	YES	5	ABSENT	ABSENT	PRESENT	NONHAL/IGN
165	LIQUID	NO	SLIGHT	SLIGHT	0.0	ABSENT	NO	6	ABSENT	ABSENT	ABSENT	POSSIBLY REACTIVE NONHAL/NONIGN

TABLE 4
(CONTINUED)

WASTE NUMBER	PHASE	WATER REACTIVE	WATER SOLUBLE	HEXANE SOLUBLE	VOLATILE ORGANICS	HALOGENS	IGNITES	PH	CYANIDES	SULFIDES	OXIDIZERS/ PEROXIDES	WASTE CLASSIFICATION
**** HALOGENATED LIQUID ORGANIC WASTES ****												
11A	LIQUID	NO	NONE	COMPL	4.0	PRESENT	NO	5	ABSENT	ABSENT	ABSENT	HAL/IGN
23	LIQUID	NO	NONE	COMPL	2.6	PRESENT	NO	6	ABSENT	ABSENT	ABSENT	HAL/IGN
24	LIQUID	NO	NONE	COMPL	1.4	PRESENT	NO	6	ABSENT	ABSENT	ABSENT	BASE/NEUTRAL
25	LIQUID	NO	NONE	COMPL	7.8	PRESENT	YES	6	ABSENT	ABSENT	ABSENT	PCB MATERIAL BASE/NEUTRAL
137	LIQUID	NO	NONE	NONE	2.2	PRESENT	NO	6	ABSENT	ABSENT	ABSENT	PCB MATERIAL HAL/IGN
138	LIQUID	NO	COMPL	NONE	6.6	PRESENT	YES	5	ABSENT	ABSENT	PRESENT	HAL/IGN
141	LIQUID	NO	COMPL	SLIGHT	6.4	PRESENT	NO	5	ABSENT	ABSENT	ABSENT	POSSIBLY REACTIVE HAL/IGN
161	LIQUID	NO	SLIGHT	SLIGHT	0.0	PRESENT	YES	5	PRESENT	ABSENT	ABSENT	HAL/IGN
171B	LIQUID	NO	NONE	COMPL	6.7	PRESENT	YES	5	ABSENT	ABSENT	ABSENT	POSSIBLY REACTIVE BASE/NEUTRAL PCB MATERIAL

TABLE 4
(CONTINUED)

WASTE NUMBER	PHASE	WATER REACTIVE	WATER SOLUBLE	HEXANE SOLUBLE	VOLATILE ORGANICS	HALOGENS	IGNITES	PH	CYANIDES	SULFIDES	OXIDIZERS/ PEROXIDES	WASTE CLASSIFICATION
**** AQUEOUS WASTE MATERIALS ****												
5	LIQUID	NO	COMPL	NONE	1.4	ABSENT	NO	11	PRESENT	ABSENT	PRESENT	CAUSTIC
6	LIQUID	NO	COMPL	NONE	0.0	PRESENT	NO	14	ABSENT	ABSENT	ABSENT	POSSIBLY REACTIVE CAUSTIC
7	LIQUID	NO	COMPL	NONE	0.0	PRESENT	NO	1	--	--	ABSENT	INORGANIC ACID
8	LIQUID	NO	COMPL	NONE	0.0	ABSENT	NO	8	ABSENT	ABSENT	ABSENT	BASE/NEUTRAL
14	LIQUID	NO	COMPL	NONE	1.0	PRESENT	NO	6	ABSENT	ABSENT	ABSENT	BASE/NEUTRAL
15	LIQUID	NO	COMPL	NONE	0.0	ABSENT	NO	7	ABSENT	ABSENT	ABSENT	BASE/NEUTRAL
17	LIQUID	NO	COMPL	NONE	0.0	PRESENT	NO	6	ABSENT	ABSENT	ABSENT	BASE/NEUTRAL
26	LIQUID	NO	COMPL	NONE	0.0	ABSENT	NO	10	ABSENT	ABSENT	ABSENT	CAUSTIC
28	LIQUID	NO	COMPL	NONE	0.0	ABSENT	NO	12	ABSENT	ABSENT	ABSENT	CAUSTIC
29	LIQUID	NO	SLIGHT	NONE	0.0	ABSENT	NO	13	ABSENT	ABSENT	ABSENT	CAUSTIC
30	LIQUID	NO	SLIGHT	NONE	0.0	ABSENT	NO	13	ABSENT	ABSENT	ABSENT	CAUSTIC
31	LIQUID	NO	SLIGHT	NONE	0.0	ABSENT	NO	9	ABSENT	ABSENT	ABSENT	BASE/NEUTRAL
32	LIQUID	NO	SLIGHT	NONE	0.1	ABSENT	NO	13	ABSENT	ABSENT	ABSENT	CAUSTIC
33	LIQUID	NO	COMPL	NONE	0.1	ABSENT	NO	11	ABSENT	ABSENT	ABSENT	CAUSTIC
34	LIQUID	NO	SLIGHT	NONE	0.1	ABSENT	NO	12	ABSENT	ABSENT	ABSENT	CAUSTIC
35	LIQUID	NO	SLIGHT	NONE	0.0	ABSENT	NO	8	ABSENT	ABSENT	ABSENT	BASE/NEUTRAL
39	LIQUID	NO	COMPL	NONE	0.0	ABSENT	NO	14	ABSENT	ABSENT	ABSENT	CAUSTIC
40	LIQUID	NO	SLIGHT	NONE	0.0	ABSENT	NO	13	ABSENT	ABSENT	ABSENT	CAUSTIC
42A	LIQUID	NO	COMPL	NONE	0.2	ABSENT	NO	13	ABSENT	ABSENT	ABSENT	CAUSTIC
42B	LIQUID	NO	MODER	NONE	0.0	ABSENT	NO	13	ABSENT	ABSENT	ABSENT	CAUSTIC
47	LIQUID	NO	COMPL	NONE	0.0	ABSENT	NO	13	ABSENT	ABSENT	ABSENT	CAUSTIC
50	LIQUID	NO	COMPL	NONE	0.0	ABSENT	NO	13	ABSENT	ABSENT	ABSENT	CAUSTIC
51	LIQUID	NO	COMPL	NONE	0.0	ABSENT	NO	12	ABSENT	ABSENT	ABSENT	CAUSTIC
52	LIQUID	NO	SLIGHT	NONE	0.0	ABSENT	NO	13	ABSENT	ABSENT	ABSENT	CAUSTIC
58	LIQUID	NO	MODER	NONE	0.1	ABSENT	NO	13	ABSENT	ABSENT	ABSENT	CAUSTIC
59	LIQUID	NO	MODER	NONE	0.1	ABSENT	NO	13	ABSENT	ABSENT	ABSENT	CAUSTIC
69A	LIQUID	NO	MODER	NONE	0.0	ABSENT	NO	4	ABSENT	ABSENT	ABSENT	BASE/NEUTRAL
75	LIQUID	NO	MODER	NONE	0.0	ABSENT	NO	5	ABSENT	ABSENT	ABSENT	BASE/NEUTRAL
81	LIQUID	NO	COMPL	NONE	0.1	ABSENT	NO	8	PRESENT	ABSENT	ABSENT	BASE/NEUTRAL
84	LIQUID	NO	COMPL	NONE	0.0	ABSENT	NO	10	ABSENT	ABSENT	ABSENT	POSSIBLY REACTIVE CAUSTIC
85	LIQUID	NO	MODER	NONE	0.0	ABSENT	NO	5	ABSENT	ABSENT	ABSENT	BASE/NEUTRAL
99	LIQUID	NO	COMPL	NONE	0.0	ABSENT	NO	7	ABSENT	ABSENT	ABSENT	BASE/NEUTRAL
104	LIQUID	NO	COMPL	NONE	0.0	ABSENT	NO	12	ABSENT	ABSENT	ABSENT	CAUSTIC
107	LIQUID	NO	COMPL	NONE	0.4	ABSENT	NO	12	ABSENT	ABSENT	ABSENT	CAUSTIC
108	LIQUID	NO	MODER	NONE	0.2	ABSENT	NO	12	ABSENT	ABSENT	ABSENT	CAUSTIC
110	LIQUID	NO	COMPL	NONE	0.2	ABSENT	NO	12	ABSENT	ABSENT	ABSENT	CAUSTIC
113	LIQUID	NO	SLIGHT	NONE	0.1	ABSENT	NO	13	ABSENT	ABSENT	ABSENT	CAUSTIC
114	LIQUID	NO	COMPL	NONE	0.0	ABSENT	NO	11	ABSENT	ABSENT	ABSENT	CAUSTIC
115	LIQUID	NO	SLIGHT	NONE	0.0	ABSENT	NO	13	ABSENT	ABSENT	ABSENT	CAUSTIC
118	LIQUID	NO	MODER	NONE	0.0	ABSENT	NO	11	ABSENT	ABSENT	ABSENT	CAUSTIC
119	LIQUID	NO	SLIGHT	NONE	0.0	ABSENT	NO	11	ABSENT	ABSENT	ABSENT	CAUSTIC
120	LIQUID	NO	COMPL	NONE	0.0	ABSENT	NO	14	ABSENT	ABSENT	ABSENT	CAUSTIC

TABLE 4
(CONTINUED)

WASTE NUMBER	PHASE	WATER REACTIVE	WATER SOLUBLE	HEXANE SOLUBLE	VOLATILE ORGANICS	HALOGENS	IGNITES	PH	CYANIDES	SULFIDES	OXIDIZERS/ PEROXIDES	WASTE CLASSIFICATION
132	LIQUID	NO	MODER	NONE	0.0	ABSENT	NO	6	ABSENT	ABSENT	ABSENT	BASE/NEUTRAL

TABLE 4
(CONTINUED)

WASTE NUMBER	PHASE	WATER REACTIVE	WATER SOLUBLE	HEXANE SOLUBLE	VOLATILE ORGANICS	HALOGENS	IGNITES	PH	CYANIDES	SULFIDES	OXIDIZERS/ PEROXIDES	WASTE CLASSIFICATION
**** NONHALOGENATED ORGANIC SOLIDS AND SLUDGES ****												
3B	SLUDGE	NO	NONE	SLIGHT	1.1	ABSENT	NO	7	ABSENT	ABSENT	ABSENT	NONHAL/NONIGN
9	SOLID	NO	NONE	SLIGHT	2.0	ABSENT	NO	6	ABSENT	ABSENT	ABSENT	HAL/NONIGN
11B	SLUDGE	NO	NONE	MODER	1.2	ABSENT	NO	5	ABSENT	ABSENT	ABSENT	POSSIBLE PCB MATERIAL NONHAL/NONIGN
16	SOLID	NO	NONE	SLIGHT	7.0	ABSENT	NO	6	ABSENT	ABSENT	ABSENT	NONHAL/IGN
21	SOLID	NO	NONE	SLIGHT	0.0	ABSENT	NO	6	ABSENT	ABSENT	ABSENT	HAL/NONIGN
45	SLUDGE	NO	SLIGHT	NONE	2.3	ABSENT	NO	10	ABSENT	ABSENT	ABSENT	POSSIBLE PCB MATERIAL NONHAL/IGN
53	SOLID	NO	NONE	SLIGHT	0.0	ABSENT	NO	6	PRESENT	ABSENT	ABSENT	HAL/NONIGN
54	SOLID	NO	NONE	SLIGHT	0.0	ABSENT	NO	6	PRESENT	ABSENT	ABSENT	POSSIBLE PCB MATERIAL POSSIBLY REACTIVE HAL/NONIGN
57	SOLID	NO	NONE	MODER	0.2	ABSENT	NO	6	ABSENT	ABSENT	ABSENT	POSSIBLE PCB MATERIAL POSSIBLY REACTIVE NONHAL/NONIGN
66	SLUDGE	NO	SLIGHT	SLIGHT	0.0	ABSENT	YES	6	ABSENT	ABSENT	ABSENT	NONHAL/IGN
67	SLUDGE	NO	MODER	SLIGHT	6.7	ABSENT	YES	7	ABSENT	ABSENT	ABSENT	NONHAL/IGN
68	SLUDGE	NO	SLIGHT	NONE	4.1	ABSENT	NO	6	ABSENT	ABSENT	ABSENT	NONHAL/IGN
69B	SLUDGE	NO	SLIGHT	NONE	6.6	ABSENT	NO	4	ABSENT	ABSENT	ABSENT	HAL/IGN
70	SLUDGE	NO	NONE	MODER	6.6	ABSENT	NO	6	ABSENT	ABSENT	ABSENT	POSSIBLE PCB MATERIAL HAL/IGN
72	SLUDGE	NO	NONE	NONE	0.1	ABSENT	YES	6	ABSENT	ABSENT	ABSENT	POSSIBLE PCB MATERIAL BASE/NEUTRAL
74	SLUDGE	NO	MODER	NONE	6.6	ABSENT	NO	7	ABSENT	ABSENT	ABSENT	HAL/IGN
78	SLUDGE	NO	NONE	SLIGHT	6.1	ABSENT	YES	6	ABSENT	ABSENT	ABSENT	POSSIBLE PCB MATERIAL HAL/IGN
80	SOLID	NO	SLIGHT	NONE	0.0	ABSENT	NO	7	ABSENT	ABSENT	ABSENT	POSSIBLE PCB MATERIAL HAL/NONIGN
82	SLUDGE	NO	NONE	SLIGHT	6.3	ABSENT	YES	6	ABSENT	ABSENT	ABSENT	POSSIBLE PCB MATERIAL HAL/IGN
86	SOLID	NO	NONE	NONE	0.0	ABSENT	NO	6	ABSENT	ABSENT	ABSENT	POSSIBLE PCB MATERIAL HAL/NONIGN
87	SOLID	NO	NONE	SLIGHT	0.0	ABSENT	NO	6	PRESENT	ABSENT	ABSENT	POSSIBLE PCB MATERIAL NONHAL/NONIGN
90	SLUDGE	NO	SLIGHT	NONE	6.5	ABSENT	NO	7	ABSENT	ABSENT	ABSENT	POSSIBLY REACTIVE NONHAL/IGN
95	SLUDGE	NO	NONE	SLIGHT	0.0	ABSENT	YES	6	ABSENT	ABSENT	ABSENT	NONHAL/IGN
97	SOLID	NO	NONE	NONE	0.0	ABSENT	YES	6	ABSENT	ABSENT	ABSENT	BASE/NEUTRAL
102	SLUDGE	NO	NONE	MODER	0.0	ABSENT	NO	6	ABSENT	ABSENT	ABSENT	NONHAL/NONIGN
122	SOLID	NO	SLIGHT	NONE	2.4	ABSENT	NO	6	ABSENT	ABSENT	ABSENT	NONHAL/IGN
127	SOLID	NO	SLIGHT	SLIGHT	0.0	ABSENT	NO	7	ABSENT	ABSENT	ABSENT	NONHAL/NONIGN
128	SOLID	NO	SLIGHT	SLIGHT	0.0	ABSENT	NO	6	ABSENT	ABSENT	ABSENT	NONHAL/NONIGN
139	SLUDGE	NO	NONE	COMPL	0.0	ABSENT	YES	6	ABSENT	ABSENT	ABSENT	NONHAL/IGN
140	SLUDGE	NO	NONE	COMPL	0.0	ABSENT	YES	6	ABSENT	ABSENT	ABSENT	NONHAL/IGN

TABLE 4
(CONTINUED)

WASTE NUMBER	PHASE	WATER REACTIVE	WATER SOLUBLE	HEXANE SOLUBLE	VOLATILE ORGANICS	HALOGENS	IGNITES	PH	CYANIDES	SULFIDES	OXIDIZERS/ PEROXIDES	WASTE CLASSIFICATION
146	SOLID	NO	NONE	SLIGHT	0.0	ABSENT	NO	7	ABSENT	ABSENT	ABSENT	NONHAL/NONIGN
147	SOLID	NO	NONE	SLIGHT	0.0	ABSENT	NO	6	ABSENT	ABSENT	ABSENT	NONHAL/NONIGN
148	SOLID	NO	SLIGHT	SLIGHT	0.0	ABSENT	NO	6	ABSENT	ABSENT	ABSENT	NONHAL/NONIGN
152	SOLID	NO	SLIGHT	MODER	0.0	ABSENT	NO	6	ABSENT	ABSENT	ABSENT	NONHAL/NONIGN
155	SOLID	NO	SLIGHT	SLIGHT	0.0	ABSENT	NO	6	ABSENT	ABSENT	ABSENT	NONHAL/NONIGN
156	SOLID	NO	SLIGHT	NONE	0.0	ABSENT	NO	6	ABSENT	ABSENT	ABSENT	NONHAL/NONIGN
157	SOLID	NO	MODER	NONE	0.0	ABSENT	NO	6	ABSENT	ABSENT	ABSENT	HAL/NONIGN POSSIBLE PCB MATERIAL HAL/NONIGN
158	SOLID	NO	SLIGHT	SLIGHT	0.0	ABSENT	NO	6	ABSENT	ABSENT	ABSENT	POSSIBLE PCB MATERIAL NONHAL/NONIGN
160	SLUDGE	NO	NONE	MODER	6.4	ABSENT	YES	6	ABSENT	ABSENT	PRESENT	NONHAL/IGN
162	SOLID	NO	NONE	NONE	0.0	ABSENT	NO	6	ABSENT	ABSENT	ABSENT	POSSIBLE PCB MATERIAL POSSIBLY REACTIVE HAL/NONIGN
163	SOLID	NO	NONE	NONE	0.0	ABSENT	NO	6	ABSENT	ABSENT	ABSENT	POSSIBLE PCB MATERIAL HAL/NONIGN
164	SOLID	NO	NONE	SLIGHT	2.1	ABSENT	YES	7	PRESENT	ABSENT	ABSENT	POSSIBLE PCB MATERIAL NONHAL/IGN
166	SLUDGE	NO	NONE	NONE	0.0	ABSENT	NO	6	PRESENT	ABSENT	ABSENT	POSSIBLE PCB MATERIAL POSSIBLY REACTIVE NONHAL/NONIGN
169	SLUDGE	NO	NONE	MODER	0.3	ABSENT	NO	6	ABSENT	ABSENT	ABSENT	POSSIBLY REACTIVE NONHAL/NONIGN
170	SOLID	NO	NONE	SLIGHT	0.0	ABSENT	NO	6	ABSENT	ABSENT	ABSENT	POSSIBLE PCB MATERIAL NONHAL/NONIGN
177	SLUDGE	NO	SLIGHT	SLIGHT	0.0	ABSENT	YES	6	ABSENT	ABSENT	ABSENT	NONHAL/IGN
179	SOLID	NO	SLIGHT	NONE	0.0	ABSENT	YES	6	ABSENT	ABSENT	ABSENT	BASE/NEUTRAL
182	SLUDGE	NO	SLIGHT	SLIGHT	0.2	ABSENT	NO	8	PRESENT	ABSENT	ABSENT	NONHAL/NONIGN
183	SOLID	NO	MODER	SLIGHT	0.0	ABSENT	NO	7	ABSENT	ABSENT	ABSENT	POSSIBLE PCB MATERIAL POSSIBLY REACTIVE NONHAL/NONIGN
185	SLUDGE	NO	NONE	SLIGHT	6.9	ABSENT	YES	6	ABSENT	ABSENT	ABSENT	NONHAL/IGN POSSIBLE PCB MATERIAL

TABLE 4
(CONTINUED)

WASTE NUMBER	PHASE	WATER REACTIVE	WATER SOLUBLE	HEXANE SOLUBLE	VOLATILE ORGANICS	HALOGENS	IGNITES	PH	CYANIDES	SULFIDES	OXIDIZERS/ PEROXIDES	WASTE CLASSIFICATION
**** HALOGENATED ORGANIC SOLIDS AND SLUDGES ****												
1	SLUDGE	NO	NONE	NONE	5.0	PRESENT	NO	6	ABSENT	ABSENT	ABSENT	HAL/IGN
22	SOLID	NO	NONE	SLIGHT	0.0	PRESENT	NO	6	ABSENT	ABSENT	ABSENT	HAL/NONIGN
38	SOLID	NO	SLIGHT	SLIGHT	0.1	PRESENT	NO	5	ABSENT	ABSENT	ABSENT	HAL/NONIGN
88	SOLID	NO	NONE	NONE	0.0	PRESENT	NO	6	ABSENT	ABSENT	ABSENT	HAL/NONIGN
91	SOLID	NO	NONE	NONE	0.0	PRESENT	NO	6	ABSENT	ABSENT	ABSENT	POSSIBLE PCB HATERIAL HAL/NONIGN
94	SOLID	NO	SLIGHT	NONE	0.0	PRESENT	NO	6	ABSENT	ABSENT	ABSENT	POSSIBLE PCB HATERIAL HAL/NONIGN
100	SOLID	NO	HODER	NONE	0.0	PRESENT	YES	6	ABSENT	ABSENT	ABSENT	POSSIBLE PCB HATERIAL BASE/NEUTRAL
101	SOLID	NO	HODER	NONE	0.0	PRESENT	YES	7	ABSENT	ABSENT	ABSENT	BASE/NEUTRAL
103	SOLID	NO	SLIGHT	NONE	0.0	PRESENT	YES	6	ABSENT	ABSENT	ABSENT	BASE/NEUTRAL
116	SLUDGE	NO	NONE	HODER	0.0	PRESENT	YES	6	ABSENT	ABSENT	ABSENT	HAL/IGN
131	SOLID	NO	NONE	HODER	0.0	PRESENT	YES	6	ABSENT	ABSENT	ABSENT	HAL/IGN
134	SOLID	NO	SLIGHT	HODER	0.0	PRESENT	NO	6	ABSENT	ABSENT	ABSENT	HAL/NONIGN
135	SLUDGE	NO	NONE	HODER	0.7	PRESENT	YES	6	ABSENT	ABSENT	ABSENT	HAL/IGN
142	SLUDGE	NO	NONE	SLIGHT	6.4	PRESENT	YES	5	ABSENT	ABSENT	ABSENT	HAL/IGN
167	SLUDGE	NO	NONE	HODER	3.5	PRESENT	YES	6	ABSENT	ABSENT	ABSENT	HAL/IGN
168	SLUDGE	NO	NONE	NONE	0.0	PRESENT	NO	6	ABSENT	ABSENT	ABSENT	NONHAL/NONIGN
171A	SLUDGE	NO	NONE	HODER	6.7	PRESENT	YES	6	ABSENT	ABSENT	ABSENT	HAL/IGN
172	SOLID	NO	NONE	SLIGHT	0.0	PRESENT	YES	7	ABSENT	ABSENT	ABSENT	HAL/IGN
175	SLUDGE	NO	NONE	NONE	0.0	PRESENT	YES	6	ABSENT	ABSENT	ABSENT	BASE/NEUTRAL

TABLE 4
(CONTINUED)

WASTE NUMBER	PHASE	WATER REACTIVE	WATER SOLUBLE	HEXANE SOLUBLE	VOLATILE ORGANICS	HALOGENS	IGNITES	PH	CYANIDES	SULFIDES	OXIDIZERS/ PEROXIDES	WASTE CLASSIFICATION
**** INORGANIC SOLIDS AND SLUDGES ****												
2A	SLUDGE	NO	COMPL	NONE	1.2	ABSENT	NO	8	ABSENT	ABSENT	ABSENT	BASE/NEUTRAL
10	SOLID	NO	SLIGHT	NONE	0.0	ABSENT	NO	6	ABSENT	ABSENT	ABSENT	BASE/NEUTRAL
19	SOLID	NO	NONE	NONE	0.0	ABSENT	NO	6	ABSENT	ABSENT	ABSENT	BASE/NEUTRAL
20	SOLID	NO	NONE	NONE	0.0	ABSENT	NO	6	ABSENT	ABSENT	ABSENT	BASE/NEUTRAL
27	SLUDGE	NO	SLIGHT	NONE	0.0	ABSENT	NO	10	ABSENT	ABSENT	ABSENT	CAUSTIC
36	SLUDGE	NO	NONE	NONE	0.0	ABSENT	NO	7	ABSENT	ABSENT	ABSENT	BASE/NEUTRAL
37	SOLID	NO	SLIGHT	NONE	0.1	PRESENT	NO	8	ABSENT	ABSENT	ABSENT	BASE/NEUTRAL
41A	SOLID	NO	SLIGHT	NONE	0.1	ABSENT	NO	10	ABSENT	ABSENT	ABSENT	CAUSTIC
41B	SOLID	NO	SLIGHT	NONE	0.1	ABSENT	NO	11	ABSENT	ABSENT	ABSENT	CAUSTIC
43	SOLID	NO	SLIGHT	NONE	0.0	ABSENT	NO	11	ABSENT	ABSENT	ABSENT	CAUSTIC
44	SOLID	NO	COMPL	NONE	0.1	ABSENT	NO	13	ABSENT	ABSENT	ABSENT	CAUSTIC
46	SOLID	NO	SLIGHT	NONE	0.2	ABSENT	NO	12	ABSENT	ABSENT	ABSENT	CAUSTIC
48	SOLID	NO	SLIGHT	NONE	0.1	ABSENT	NO	10	ABSENT	ABSENT	ABSENT	CAUSTIC
49	SLUDGE	NO	SLIGHT	NONE	0.0	ABSENT	NO	13	ABSENT	ABSENT	ABSENT	CAUSTIC
56	SOLID	NO	MODER	NONE	0.0	ABSENT	NO	11	ABSENT	ABSENT	ABSENT	CAUSTIC
63	SOLID	NO	SLIGHT	NONE	0.0	ABSENT	NO	14	ABSENT	ABSENT	ABSENT	CAUSTIC
64	SOLID	NO	SLIGHT	NONE	0.0	ABSENT	NO	10	ABSENT	ABSENT	ABSENT	CAUSTIC
65	SOLID	NO	MODER	NONE	0.0	ABSENT	NO	10	ABSENT	ABSENT	ABSENT	CAUSTIC
71	SOLID	NO	NONE	NONE	0.0	ABSENT	NO	6	ABSENT	ABSENT	ABSENT	BASE/NEUTRAL
76	SLUDGE	NO	NONE	NONE	0.0	ABSENT	NO	6	ABSENT	ABSENT	ABSENT	BASE/NEUTRAL
77	SLUDGE	NO	COMPL	NONE	0.7	ABSENT	NO	6	ABSENT	ABSENT	ABSENT	BASE/NEUTRAL
79	SOLID	NO	NONE	NONE	0.4	ABSENT	NO	7	ABSENT	ABSENT	ABSENT	BASE/NEUTRAL
83	SOLID	NO	SLIGHT	NONE	0.0	ABSENT	NO	9	ABSENT	ABSENT	ABSENT	BASE/NEUTRAL
89	SLUDGE	NO	SLIGHT	NONE	0.5	PRESENT	NO	7	ABSENT	ABSENT	ABSENT	BASE/NEUTRAL
92	SOLID	NO	SLIGHT	NONE	0.0	ABSENT	NO	6	ABSENT	ABSENT	ABSENT	BASE/NEUTRAL
93	SLUDGE	NO	NONE	NONE	0.0	ABSENT	NO	6	ABSENT	ABSENT	ABSENT	BASE/NEUTRAL
96	SOLID	NO	SLIGHT	NONE	0.0	ABSENT	NO	6	ABSENT	ABSENT	ABSENT	BASE/NEUTRAL
98	SLUDGE	NO	SLIGHT	NONE	0.0	ABSENT	NO	6	ABSENT	ABSENT	ABSENT	BASE/NEUTRAL
105	SOLID	NO	MODER	NONE	0.0	ABSENT	NO	12	ABSENT	ABSENT	ABSENT	CAUSTIC
106	SOLID	NO	MODER	NONE	0.0	ABSENT	NO	14	ABSENT	ABSENT	ABSENT	CAUSTIC
109	SOLID	NO	SLIGHT	NONE	0.0	ABSENT	NO	6	ABSENT	ABSENT	ABSENT	BASE/NEUTRAL
111	SLUDGE	NO	MODER	NONE	0.1	ABSENT	NO	6	ABSENT	ABSENT	ABSENT	BASE/NEUTRAL
112	SOLID	NO	COMPL	NONE	0.2	ABSENT	NO	11	ABSENT	ABSENT	ABSENT	CAUSTIC
117	SOLID	NO	MODER	NONE	0.0	ABSENT	NO	11	ABSENT	ABSENT	ABSENT	CAUSTIC
121	SOLID	NO	SLIGHT	NONE	0.0	ABSENT	NO	11	ABSENT	ABSENT	ABSENT	CAUSTIC
123	SOLID	NO	NONE	NONE	0.2	ABSENT	NO	6	ABSENT	ABSENT	ABSENT	BASE/NEUTRAL
124	SOLID	NO	NONE	NONE	0.0	ABSENT	NO	6	PRESENT	ABSENT	ABSENT	BASE/NEUTRAL POSSIBLY REACTIVE
125	SOLID	NO	SLIGHT	NONE	0.0	ABSENT	NO	6	ABSENT	ABSENT	ABSENT	BASE/NEUTRAL
126	SOLID	NO	MODER	SLIGHT	0.0	ABSENT	NO	6	ABSENT	ABSENT	ABSENT	BASE/NEUTRAL
129	SOLID	NO	MODER	SLIGHT	0.0	ABSENT	NO	7	ABSENT	ABSENT	ABSENT	BASE/NEUTRAL
130	SOLID	NO	MODER	NONE	0.0	ABSENT	NO	10	ABSENT	ABSENT	ABSENT	CAUSTIC
143	SOLID	NO	MODER	NONE	0.0	ABSENT	NO	11	ABSENT	ABSENT	ABSENT	CAUSTIC
144	SOLID	NO	NONE	NONE	0.0	PRESENT	NO	6	ABSENT	ABSENT	ABSENT	BASE/NEUTRAL

TABLE 4
(CONTINUED)

WASTE NUMBER	PHASE	WATER REACTIVE	WATER SOLUBLE	HEXANE SOLUBLE	VOLATILE ORGANICS	HALOGENS	IGNITES	PH	CYANIDES	SULFIDES	OXIDIZERS/ PEROXIDES	WASTE CLASSIFICATION
145	SOLID	NO	COMPL	NONE	0.0	ABSENT	NO	12	ABSENT	ABSENT	ABSENT	CAUSTIC
149	SOLID	NO	SLIGHT	NONE	0.0	ABSENT	NO	6	ABSENT	ABSENT	ABSENT	BASE/NEUTRAL
150	SOLID	NO	SLIGHT	NONE	0.0	PRESENT	NO	7	ABSENT	ABSENT	ABSENT	BASE/NEUTRAL
151	SOLID	NO	SLIGHT	NONE	0.0	ABSENT	NO	6	ABSENT	ABSENT	ABSENT	BASE/NEUTRAL
153	SOLID	NO	SLIGHT	NONE	0.0	ABSENT	NO	5	ABSENT	ABSENT	ABSENT	BASE/NEUTRAL
154	SOLID	NO	SLIGHT	NONE	0.0	PRESENT	NO	6	ABSENT	ABSENT	ABSENT	BASE/NEUTRAL
159	SOLID	NO	MODER	NONE	0.0	ABSENT	NO	6	ABSENT	ABSENT	ABSENT	BASE/NEUTRAL
173	SOLID	NO	SLIGHT	NONE	0.0	PRESENT	NO	6	PRESENT	ABSENT	ABSENT	BASE/NEUTRAL POSSIBLY REACTIVE
174	SLUDGE	NO	NONE	NONE	0.0	ABSENT	NO	6	ABSENT	ABSENT	ABSENT	BASE/NEUTRAL
176	SLUDGE	NO	SLIGHT	NONE	0.0	PRESENT	NO	6	ABSENT	ABSENT	ABSENT	BASE/NEUTRAL
178	SLUDGE	NO	NONE	NONE	0.0	ABSENT	NO	9	ABSENT	ABSENT	ABSENT	BASE/NEUTRAL
180	SLUDGE	NO	SLIGHT	NONE	0.0	ABSENT	NO	7	ABSENT	ABSENT	ABSENT	BASE/NEUTRAL
181	SLUDGE	NO	MODER	NONE	0.5	ABSENT	NO	6	ABSENT	ABSENT	ABSENT	BASE/NEUTRAL
184	SLUDGE	NO	SLIGHT	NONE	0.2	ABSENT	NO	5	ABSENT	ABSENT	ABSENT	BASE/NEUTRAL

TABLE 5

LABORATORY ANALYSIS RESULTS
FLASH POINT TESTING

SAMPLE NUMBER	CLOSED CUP FLASH POINT (° FAHRENHEIT)
25	<80
60	<84
61	>140
62	<83
66	100
67	86
72	114
78	<82
82	<82
95	<78
97	<78
100	<80
101	<78
103	80
116	<77
131	<79
133	<84
135	78
136	<88
138	<82
139	<78
140	92
142	92
160	<82
161	<77
164	>140
167	88
171B	<80
172	<78
175	<78
177	84
179	<78
185	>140

TABLE 6

LABORATORY ANALYSIS
EP TOXICITY METALS

SECOND-LEVEL COMPOSITE IDENTIFICATION NUMBER	CONTRIBUTORY COMPOSITE IDENTIFICATION NUMBERS(a)	EP METALS CONCENTRATIONS (mg/l)							
		ARSENIC	BARIUM	CADMIUM	CHROMIUM	LEAD	MERCURY	SELENIUM	SILVER
E-1	PC-21, PC-22, PC-23	0.003	12	0.04	2.6/2.6(b)	0.11	0.0041	0.006	<0.001
E-2	PC-24, PC-25, PC-26, PC-27	<0.001(c)	8.1	0.04	0.01	0.62	<0.0002	0.002	<0.001
E-3	PC-28, PC-29, PC-30, PC-31	0.003	7.0	0.34	0.37	0.19	0.0003	0.004	0.002
E-4	PC-32, PC-33, PC-50	0.001	0.83	0.04	0.02	17	0.0003	<0.001	<0.001
E-5	PC-51, PC-52, PC-53, PC-54	0.001	3.0	0.30	0.03	2.2	<0.0002	<0.001	<0.001
E-6	PC-55, PC-56, PC-57, PC-58	0.001/0.001	4.6/4.6	0.08/0.08	0.04	120	<0.0002/<0.0002	<0.001/<0.001	<0.001/<0.001

(a)For testing of individual samples comprising each composite, see Table 3.

(b)"#/#" indicates replicate samples were extracted and analyzed.

(c)"<" indicates below detection limits for compound.

TABLE 7

LABORATORY ANALYSIS RESULTS
VOLATILE ORGANIC COMPOUNDS

PARAMETER	CAS NUMBER(a)	SECOND-LEVEL COMPOSITE IDENTIFICATION NUMBER(b) (Concentration in mg/kg)		
		V-1 (aqueous)	V-1 (oil)	V-2
Priority Pollutants:				
Acrolein	107-02-8	<1.0(c)	<250	<500
Acrylonitrile	107-13-1	<1.0	<250	<500
Benzene	71-43-2	38	5,900	<50
Bromoform	75-25-2	<0.10	<25	<50
Carbon Tetrachloride	56-23-5	<0.10	<25	<50
Chlorobenzene	108-90-7	<0.10	<25	<50
Chlorodibromomethane	124-48-1	<0.10	<25	<50
Chloroethane	75-00-3	<0.10	<25	<50
2-Chloroethylvinyl ether	110-75-8	<1.0	<250	<500
Chloroform	67-66-3	<0.10	<25	<50
Dichlorobromomethane	75-27-4	<0.10	<25	<50
Dichlorodifluoromethane	75-71-8	<1.0	<250	<500
1,1-Dichloroethane	75-34-3	<0.10	<25	<50
1,2-Dichloroethane	107-06-2	1.6	<25	<50
1,1-Dichloroethylene	75-35-4	<0.10	<25	<50
1,2-Dichloropropane	78-87-5	<0.10	<25	<50
1,3-Dichloropropylene(d)	542-75-6	<0.10	<25	<50
Ethylbenzene	100-41-4	2.3	3,600	1,000
Methyl bromide	74-83-9	<1.0	<250	<500
Methyl chloride	74-87-3	<1.0	<250	<500
Methylene chloride	75-09-2	190	2,400	<500
1,1,2,2-Tetrachloroethane	79-34-5	<0.10	<25	<50
Tetrachloroethylene	127-18-4	<0.10	43	620
Toluene	108-88-3	43	19,000	28,000

See footnotes at end of table.

TABLE 7
(Continued)

PARAMETER	CAS NUMBER(a)	SECOND-LEVEL COMPOSITE IDENTIFICATION NUMBER(b) (Concentration in mg/kg)		
		V-1 (aqueous)	V-1 (oil)	V-2
trans-1,2-Dichloroethylene	156-60-5	<0.10	<25	<50
1,1,1-Trichloroethane	71-55-6	<0.10	<25	210
1,1,2-Trichloroethane	79-00-5	<0.10	<25	<50
Trichloroethylene	79-01-6	<0.10	36	230
Trichlorofluoromethane	75-69-4	<0.10	<25	<50
Vinyl Chloride	75-01-4	<1.0	<250	<500
Nonpriority Pollutants:				
Acetone	67-64-1	320	18,000	<500
2-Butanone	78-93-3	<1.0	<250	<500
Carbon disulfide	75-15-0	<1.0	<250	<500
2-Hexanone	591-78-6	<1.0	<250	3,600
4-Methyl-2-pentanone	108-10-1	<1.0	<250	<500
Styrene	100-42-5	4.1	3,600	<500
Vinyl acetate	108-05-4	<1.0	<250	<50
Total xylenes	95-47-6	12	28,000	8,700

(a)The numbers presented in this column are the Chemical Abstracts Service (CAS) numbers used for cataloging the indicated compounds in the Chemical Abstracts Index.

(b)Composite samples comprising second-level composites are as follows:

- V-1: PC-1, PC-34, PC-35, PC-36, PC-37
- V-2: PC-20, PC-42, PC-43, PC-45, PC-48.

For a listing of individual samples comprising each composite, see Table 3.

(c)"<" indicates below detection limit.

(d)The indicated compound is incorrectly identified in Part C of NPDES Form 2C as 1,2-Dichloropropylene. However, the sample was screened for the presence of both compounds.

TABLE 8

LABORATORY ANALYSIS RESULTS
BASE-NEUTRAL COMPOUNDS

PARAMETER	CAS NUMBER(a)	SECOND-LEVEL COMPOSITE IDENTIFICATION NUMBER(b) (Concentration in mg/kg)	
		N-1	N-2
Acenaphthene	83-32-9	<1.0(c)	15
Acenaphthylene	208-96-8	<1.0	<1.0
Anthracene	120-12-7	<1.0	4.2
Benzidine	92-87-5	<4.0	<4.0
Benzo(a)anthracene	56-55-3	<1.0	<1.0
Benzo(a)pyrene	50-32-8	<1.0	<1.0
3,4-Benzofluoranthene	205-99-2	<1.0	<1.0
Benzo(g,h,i)perylene	191-24-2	<1.0	<1.0
Benzo(k)fluoranthene	207-08-9	<1.0	<1.0
Bis(2-chloroethoxy)methane	111-91-1	<1.0	<1.0
Bis(2-chloroethyl)ether	111-44-4	17	<1.0
Bis(2-chloroisopropyl)ether	39638-32-9	<1.0	<1.0
Bis(chloromethyl)ether(d)	542-88-1	<4.0	<4.0
Bis(2-ethylhexyl)phthalate	117-81-7	890	200
4-Bromophenyl phenyl ether	101-55-3	<1.0	<1.0
Butyl benzyl phthalate	85-68-7	<1.0	72
2-Chloronaphthalene	91-58-7	<1.0	<1.0
4-Chlorophenyl phenyl ether	7005-72-3	<1.0	<1.0
Chrysene	218-01-9	16	4.7
Dibenzo(a,h)anthracene	53-70-3	<1.0	<1.0
1,2-Dichlorobenzene	95-50-1	<1.0	<1.0
1,3-Dichlorobenzene	541-73-1	<1.0	<1.0
1,4-Dichlorobenzene	106-46-7	<1.0	<1.0
3,3'-Dichlorobenzidine	91-94-1	<1.0	<1.0
Diethyl phthalate	84-66-2	58	2.4
Dimethyl phthalate	131-11-3	4.0	<1.0

See footnotes at end of table.

TABLE 8
(Continued)

PARAMETER	CAS NUMBER(a)	SECOND-LEVEL COMPOSITE IDENTIFICATION NUMBER(b) (Concentration in mg/kg)	
		N-1	N-2
Di-n-butyl phthalate	84-74-2	130	44
2,4-Dinitrotoluene	121-14-2	<1.0	<1.0
2,6-Dinitrotoluene	606-20-2	<1.0	<1.0
Di-n-octyl phthalate	117-84-0	3.7	3.4
1,2-Diphenylhydrazine (Azobenzene)(e)	122-66-7	<1.0	<1.0
Fluoranthene	206-44-0	28	13
Fluorene	86-73-7	200	12
Hexachlorobenzene	118-71-1	<1.0	<1.0
Hexachlorobutadiene	87-68-3	<1.0	<1.0
Hexachlorocyclopentadiene	77-47-4	<1.0	<1.0
Hexachloroethane	67-72-1	<1.0	<1.0
Indeno(1,2,3-cd)pyrene	193-39-5	<1.0	<1.0
Isophorone	78-59-1	<4.0	<4.0
Naphthalene	91-20-3	<1.0	31
Nitrobenzene	98-95-3	150	8.3
N-Nitrosodimethylamine	62-75-9	<1.0	<1.0
N-Nitrosodi-n-propylamine	621-64-7	300	<1.0
N-Nitrosodiphenylamine (Diphenylamine)(e)	86-30-6	<1.0	18
Phenanthrene	85-01-8	360	<1.0

See footnotes at end of table.

TABLE 8
(Continued)

PARAMETER	CAS NUMBER(a)	SECOND-LEVEL COMPOSITE IDENTIFICATION NUMBER(b) (Concentration in mg/kg)	
		N-1	N-2
Pyrene	129-00-0	<1.0	16
1,2,4-Trichlorobenzene	120-82-1	<1.0	<1.0
2,3,7,8-Tetrachlorodibenzo-p-dioxin	1764-01-6	<1.0	<1.0

(a)The numbers presented in this column are the Chemical Abstracts Service (CAS) numbers used for cataloging the indicated compounds in the Chemical Abstracts Index.

(b)Composite samples comprising second-level composites are as follows:

- N-1: PC-2, PC-44
- N-2: PC-11, PC-15.

For listing of individual samples comprising each composite, see Table 3.

(c)"<" indicates below detection limit for compound.

(d)Decomposes rapidly in water.

(e)Detected as compound in parentheses.

TABLE 9

LABORATORY ANALYSIS RESULTS
ACID-EXTRACTABLE COMPOUNDS

PARAMETER	CAS NUMBER(a)	SECOND-LEVEL COMPOSITE IDENTIFICATION NUMBER(b) (Concentration in mg/kg)	
		N-1	N-2
Priority Pollutants:			
2-Chlorophenol	95-57-8	<1.0(c)	<1.0
2,4-Dichlorophenol	120-83-2	<1.0	<1.0
2,4-Dimethylphenol	105-67-9	<1.0	<1.0
4,6-Dinitro-o-cresol	534-52-1	510	<10
2,4-Dinitrophenol	51-28-5	<10	<10
2-Nitrophenol	88-75-5	<1.0	<1.0
4-Nitrophenol	100-02-7	<1.0	<1.0
p-Chloro-m-cresol	59-50-7	<1.0	<1.0
Pentachlorophenol	87-86-5	<1.0	<1.0
Phenol	108-95-2	79	<1.0
2,4,6-Trichlorophenol	88-06-2	<1.0	<1.0
Nonpriority Pollutants:			
Aniline	62-53-3	<1.0	<1.0
Benzoic Acid	65-85-0	<1.0	<1.0
Benzyl Alcohol	100-51-6	<1.0	<1.0
4-Chloroaniline	106-47-8	1,200	<1.0
Dibenzofuran	132-64-9	71	9.9
2-Methylnaphthalene	91-57-6	1,600	48
2-Methylphenol	95-48-7	12	<1.0
4-Methylphenol	106-44-5	<1.0	<1.0
2-Nitroaniline	88-74-4	<1.0	<1.0
3-Nitroaniline	99-09-2	<1.0	38
4-Nitroaniline	100-01-6	<1.0	<1.0
2,4,5-Trichlorophenol	95-95-4	<1.0	<1.0

(a)The numbers presented in this column are the Chemical Abstracts Service (CAS) numbers used for cataloging the indicated compounds in the Chemical Abstracts Index.

(b)Composite samples comprising second-level composites are as follows:

- N-1: PC-2, PC-44
- N-2: PC-11, PC-15.

For listing of individual samples comprising each composite, see Table 3.

(c)"<" indicates below detection limit for compound.

TABLE 10

LABORATORY ANALYSIS RESULTS
INCINERATION PARAMETERS

SECOND-LEVEL COMPOSITE IDENTIFICATION NUMBER	CONTRIBUTORY COMPOSITE IDENTIFICATION NUMBERS(a)	INCINERATION PARAMETER VALUE			
		ASH CONTENT (percent)	CHLORINE CONTENT (percent)	SULFUR CONTENT (percent)	HEAT VALUE (Btu/lb)
I-1	PC-2, PC-44	0.15	<0.10(b)	0.25	16,700
I-2	PC-1, PC-34, PC-35 PC-36, PC-37	0.30	0.15	<0.10	2,800
I-3	PC-20, PC-42, PC-43 PC-45, PC-48	0.52	0.36	0.17	17,300

(a)For listing of individual samples comprising each composite, see Table 3.

(b)"<" indicates below detection limit.

TABLE 11

LABORATORY ANALYSIS RESULTS
WATER TREATMENT PARAMETERS

PARAMETER	UNITS	SECOND-LEVEL COMPOSITE IDENTIFICATION NUMBER(a)	
		A-1	A-2
pH	-	12.80	9.63
Solids:			
Dissolved	mg/l	141,000	44,500
Suspended	mg/l	49,200	34,300
Total	mg/l	190,200	78,800
Metals:			
Arsenic	mg/l	0.26	0.13/0.13(b)
Barium	mg/l	1,000	4.8/4.8
Cadmium	mg/l	0.36/0.35	0.21
Chromium	mg/l	84	110/110
Lead	mg/l	670	20
Mercury	mg/l	0.0160	0.0073
Selenium	mg/l	<0.001(c)	0.004/<0.001
Silver	mg/l	0.014	0.023/0.020

(a)Composite samples comprising second-level composites are as follows:

- A-1: PC-3, PC-4, PC-5, PC-6, PC-7
- A-2: PC-8, PC-49.

For a listing of individual samples comprising each composite, see Table 3.

(b)"#/#" indicates replicate samples were analyzed.

(c)"<" indicates below detection limit for compound.

TABLE 12

SUMMARY INVENTORY ESTIMATE
DRUMMED WASTE MATERIALS

DISTRIBUTION BY SITE AREA:

• Area A =	280 drums	
• Area B =	370 drums	
• Area C =	1,610 drums	
• Area D =	0 drums	
		2,260 drums

DISTRIBUTION BY CONDITION:

• Intact =	400 drums	
• Open =	610 drums	
• Empty =	1,250 drums	
		2,260 drums

DISTRIBUTION BY PRIMARY CONTENTS:

• Liquid		
- Nonhalogenated Organic	40	
- Inorganic Aqueous	270	
- Inorganic Aqueous (cyanide-containing)	10	
		320
• Sludge		
- Nonhalogenated Organic	80	
- Nonhalogenated Organic (PCB ≥50 ppm)	40	
- Nonhalogenated Organic (cyanide-containing)	5	
- Nonhalogenated Organic (cyanide-containing; PCB ≥50 ppm)	5	
- Halogenated Organic	20	
- Inorganic-Neutral	100	
- Inorganic (cyanide-containing)	10	

TABLE 12
(Continued)

- Inorganic-Caustic	20		
		280	
• Solids			
- Nonhalogenated Organic	35		
- Nonhalogenated Organic (PCB ≥50 ppm)	15		
- Nonhalogenated Organic (cyanide containing; PCB ≥50 ppm)	5		
- Nonhalogenated Organic (cyanide-containing)	15		
- Halogenated Organic	10		
- Halogenated Organic (PCB ≥50 ppm)	40		
- Inorganic Neutral	150		
- Inorganic (cyanide-containing)	20		
- Inorganic Caustic	130		
		410	
• Empty		1,250	2,260 drums

AVERAGE QUANTITY PER NON-EMPTY DRUM:

- Liquid 42.9 gallons
- Sludge 41.9 gallons
- Solid 44.6 gallons

TABLE 13

SUMMARY INVENTORY ESTIMATE
VESSEL WASTE MATERIALS

LIQUIDS		
• Nonhalogenated Organic	9,350 gallons	
• Nonhalogenated Organic (PCB ≥50 ppm)	1,400	
• Nonhalogenated Organic (cyanide-containing)	250	
• Halogenated Organic	4,750	
• Halogenated Organic (PCB ≥50 ppm)	12,300	
• Halogenated Organic Oxidizer	500	
• Halogenated Organic (cyanide-containing)	1,000	
• Inorganic (aqueous)	7,300(a)	
		36,100 gallons
SLUDGES		
• Nonhalogenated Organic	2,700	
• Nonhalogenated Organic Oxidizer	4,000	
• Halogenated Organic	36,500	
• Inorganic, Neutral	6,000	
		49,200 gallons
SOLIDS		
• Nonhalogenated Organic	10 cubic yards	
• Nonhalogenated Organic (PCB ≥50 ppm)	32	
• Halogenated Organic	8	
• Inorganic, Neutral	25	
		75 cubic yards

(a)Includes an estimated 2,500 gallons of oil/water mixture for Tanker (inventory number) 17.

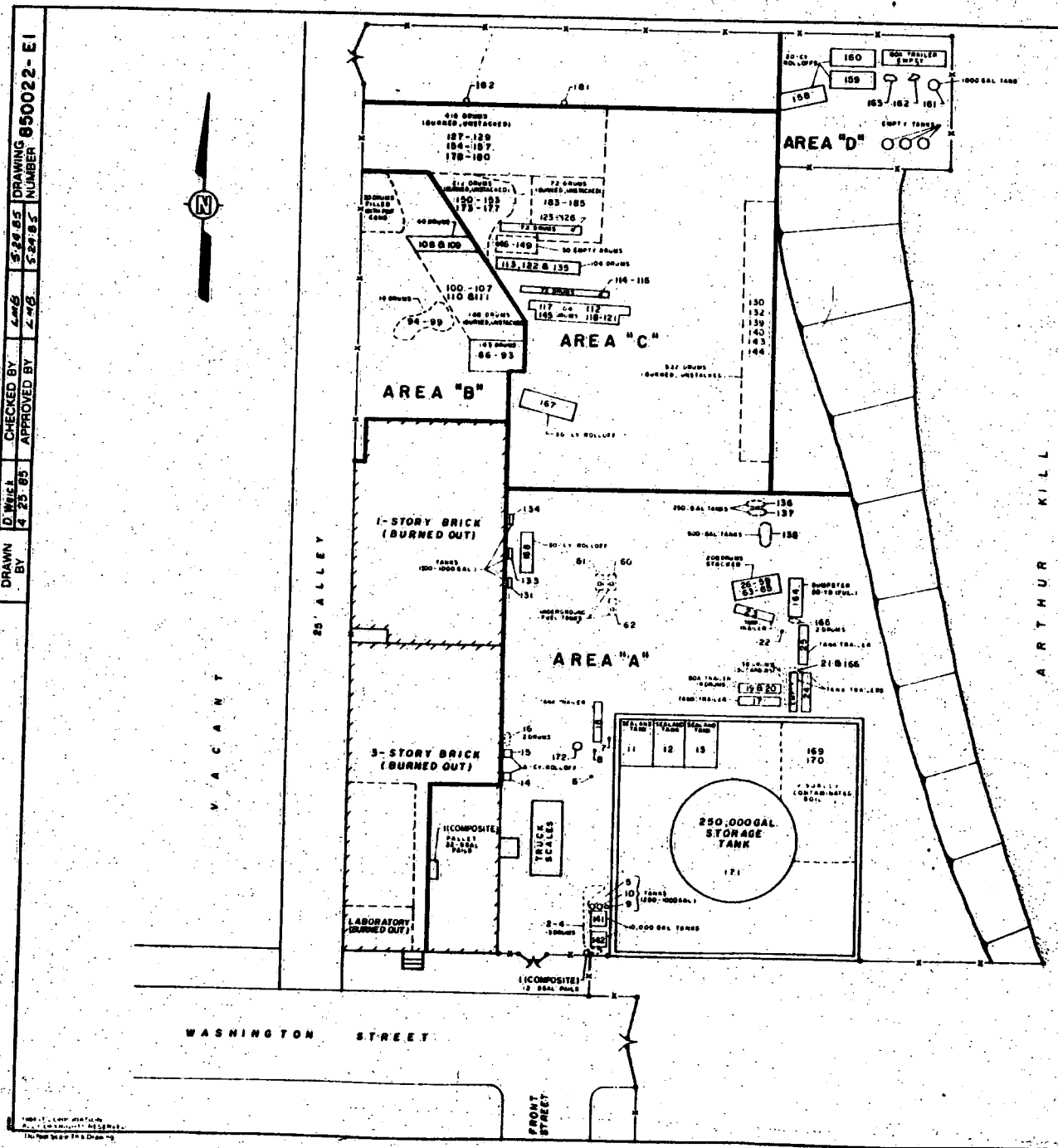
TABLE 14

SUMMARY INVENTORY ESTIMATE
OTHER WASTE MATERIALS

DESCRIPTION	QUANTITY
5-gallon pails, halogenated organic sludge	40 pails
30-gallon plastic carboys, liquid inorganic acid	50 carboys
Pressurized gas cylinders	1 cylinder
55-gallon drums, filled with pint cans	30 drums
Visually contaminated soil	80 cubic yards
Visually contaminated soil (PCB $\geq$50 ppm)	25 cubic yards

FIGURES

DRAWN BY	CHECKED BY		DRAWING NUMBER
D. Welch 4-25-85	APPROVED BY	5-24-85	850022-E1



NOTES:
1. FOR WASTE SAMPLE INVENTORY SEE TABLE I
2. DRUMS ARE 55 GAL UNLESS OTHERWISE NOTED
3. DRAWING NOT TO SCALE

FIGURE 1

SITE SCHEMATIC
SHOWING SAMPLING LOCATIONS

PREPARED FOR

SITE GENERATOR COMMITTEE

IT ... Creating a Safer Tomorrow

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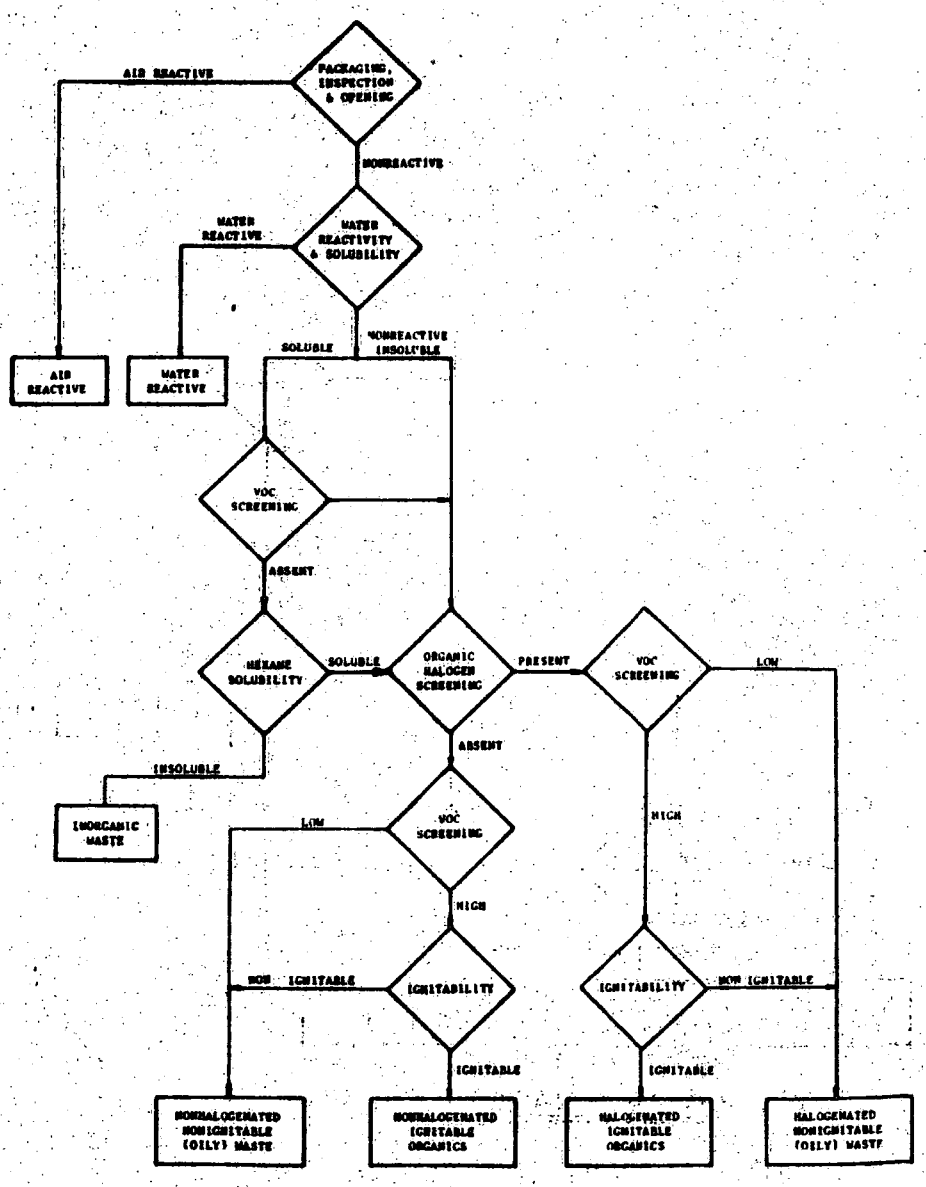
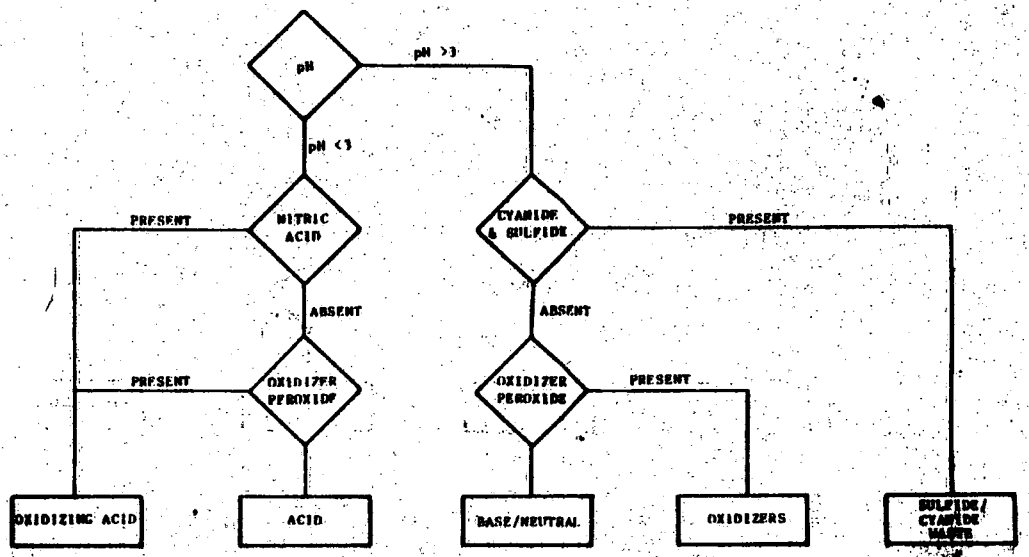
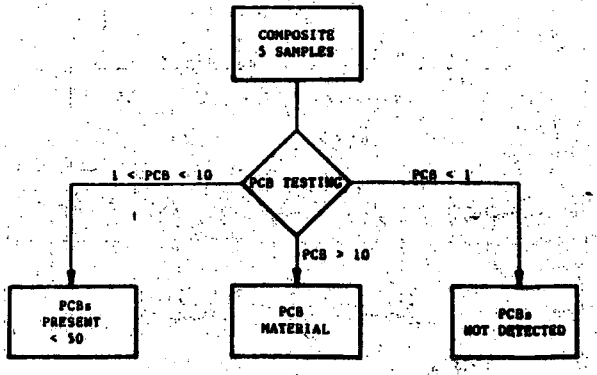
D.WEICK | 5-1-85 | | 650022-B1



ORGANIC VS. INORGANIC WASTES



SCREENING FOR INCOMPATIBLE WASTES



PCB SCREENING

FIGURE 2

HAZARD CATEGORIZATION PROTOCOL

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